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GENERAL BULLETIN 702 - PENNSYLVANIA DEPARTMENT OF AGRICULTURE

VOL. 47

December, 1964

No. 3

# COMMERCIAL FEED, FERTILIZER and LIMING MATERIALS

Reports for the year 1963 - 1964

**IMPORTANT:**

- NEW MEDICATED FEED  
INFORMATION BEGINS  
ON PAGE VIII.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF AGRICULTURE  
Bureau of Foods and Chemistry

Governor  
WILLIAM W. SCRANTON

Secretary of Agriculture  
LELAND H. BULL

**COMMONWEALTH OF PENNSYLVANIA**

**DEPARTMENT OF AGRICULTURE**

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**COVER**—This modern structure at 2301 North Cameron Street, directly across from the Farm Show Arena, now houses the Pennsylvania Department of Agriculture. The lower portion in the rear contains the laboratory facilities which are among the finest and most modern anywhere, to better serve the need of Pennsylvania agriculture.

**BULLETIN**—Pennsylvania Department of Agriculture—Published in March and three issues in December by direction of the Secretary of Agriculture. Second class postage paid at Harrisburg, Pa.

**GENERAL BULLETIN 702 PENNSYLVANIA DEPARTMENT OF AGRICULTURE**

**VOL. 47**

**DEC. 1964**

**NO. 3**

# **COMMERCIAL FEED, FERTILIZER and LIMING MATERIALS**

**Reports for the period July 1, 1963 to June 30, 1964**



**COMMONWEALTH OF PENNSYLVANIA**  
**Department of Agriculture**  
**Bureau of Foods and Chemistry**

**Governor**  
**WILLIAM W. SCRANTON**

**Secretary of Agriculture**  
**LELAND H. BULL**







COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF AGRICULTURE  
HARRISBURG

November 30, 1964

Hon. Leland H. Bull, Secretary  
Pennsylvania Department of Agriculture

Dear Sir:

In compliance with provisions of various laws related to certain agricultural materials, there are submitted herewith the results of analyses of official samples of commercial feed, fertilizer, and liming materials taken during the period from July 1, 1963 to June 30, 1964.

The samples herein reported represent various lots of products offered for sale by the dealers of the Commonwealth. They were taken by official methods by agents of the Pennsylvania Department of Agriculture and were analyzed by methods of the Association of Official Agricultural Chemists.

The report also includes production, registration, and other information believed to be of value to those interested in the agricultural aspects of our Commonwealth.

Respectfully submitted,

A handwritten signature in cursive script that reads "Delmar K. Myers".

Delmar K. Myers, Director  
Bureau of Foods and Chemistry



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## PUBLICATIONS OF INTEREST

For information regarding the labeling of feeds and a complete list of all recognized definitions and terms, every feed manufacturer should have a copy of the Annual Publication of the Association of American Feed Control Officials, Inc. The Current (1965) edition of this informative and helpful publication is priced at \$5.00 per copy. Orders should be sent to:

Marvin H. Snyder  
Agricultural Laboratories  
Capitol Building  
Charleston, West Virginia

A similiar publication relating to fertilizers prepared by the American Association of Fertilizer Control Officials may be obtained, for \$2.00 per copy, from:

Bruce D. Cloaninger  
Drawer 392  
Clemson, South Carolina



## INTRODUCTION

The Pennsylvania Department of Agriculture is required by law to make regular inspections of commercial feed, fertilizer, and liming materials offered for sale with the Commonwealth. Results of inspections for the most recent inspection period are summarized in this publication.

This report is not to be interpreted as an evaluation of feed formulas or feeding practices. Similarly, the reports on fertilizer and lime are only an indication as to the agreement existing between the guarantee as stated and the actual amount of the guaranteed component found to be present.

Inquiries as to the suitability of the various agricultural products for a specific purpose, should be directed to the College of Agriculture of The Pennsylvania State University or your local County Agricultural Agent.

The Pennsylvania Commercial Feed Law and the Pennsylvania Fertilizer Law follow closely the Uniform Model Bills which were prepared by national committees consisting of experienced control officials and representatives of related industries. Slight modifications of the uniform proposals better fit the laws to the needs of Pennsylvania agriculture, but the similarity with the laws of neighboring states is sufficient to avoid serious problems for the manufacturer engaged in interstate commerce.

During the period covered by this bulletin, the Bureau of Foods and Chemistry analyzed 3,744 official samples of commercial feed which were secured by its agents. In addition to the routine analysis for the determination of crude protein, crude fat, and crude fiber, the analytical work included a check on the level of drugs present in 645 medicated feeds. Additional drug assays as well as hormone, antibiotic, and vitamin work are constantly being added to this phase of our program.

It is gratifying to observe that in the vast majority of samples examined, the level of drug present closely agrees with the amount declared to be present. The continued use of drugs in feed may, to some extent, depend on the ability of the feed manufacturer to maintain good manufacturing practices during the production of medicated feeds. Plans are currently being finalized, with the cooperation of the Federal Food and Drug Administration and the Pennsylvania Millers' and Feed Dealers Association to provide through the Feed and Fertilizer Division a service, upon request, to evaluate manufacturing procedures. This service will be announced soon after January 15, 1965.

The new format for the preparation of acceptable medicated feed tags is explained, beginning on page 14 of this publication. It is expected that all feeds will be tagged to conform with this new requirement when submitted for registration for 1966.

A total of 1,463 fertilizer and lime samples were analyzed during the same period representing a slight increase over the previous period. Gradual expansion of this part of the control program is planned as the new laboratory facilities permit.

The control program is an assurance of a better enforcement program and of greater service to the manufacturer and the farmer. Two important factors are the program of sampling on a year-around basis together with the fact that the inspectors have successfully qualified by passing an examination of the State Civil Service Commission. Also, the control program is essentially one of "consumer protection." This relatively new term has long summarized the aims and purposes of the Bureau of Foods and Chemistry. The information given herein is intended primarily as a guide to purchases of those "raw materials" which the farmer converts into meat, milk, eggs, fruits, vegetables, and fiber; and also as an aid to manufacturers in maintaining higher standards of perfection in the formulation of products offered for sale to the public. It should be remembered that minor discrepancies between guarantees and analysis are of no great significance. The manufacturer should allow a reasonable margin of safety in his guaranty. This margin of safety will depend upon his mixing equipment and his facilities to check the quality of the components.

Only the fact that the vast majority of manufacturers conduct their businesses at a highly ethical level insures the program of any degree of success.

Advances in animal nutrition have been remarkable in the past few years. The one-time philosophy bases solely on protein, fat, and fiber has been replaced by a feeding program that includes the use of vitamins, minerals, antibiotics, hormones, and other medicaments. These newcomers to the field of animal nutrition require surveillance as they are often present in minute amounts, which of necessity must be uniformly dispersed through the feed. These changes represent in the eyes of most feeders a considerable improvement in feeding practice and generally result in better feed for the efficient production of meat, milk, eggs, and fiber.

The use of these medicants in feeds is not a substitute for sound management and sanitation in the production of meat, milk and eggs. Neglect of good management principles can overcome all the benefits gained by the use of medicated feeds. For example, the poultry industry has made great strides in the years since World War II. One important factor has been the development of drugs capable of keeping disease in check. As is true in many other areas, those who believe that if a little does a good job, more will do better, have run into difficulties. It is important that in addition to sound management practices, medicated feeds must be used intelligently and according to and at the levels recommended by the manufacturer. READ THE TAG ranks with TEST THE SOIL as a slogan all farmers would do well to heed.



# Inspection Districts

A map of Pennsylvania divided into seven inspection districts, each marked with a circled number. The districts are defined by county boundaries. District 1 is in the northwest, including Erie, Warren, Crawford, Mercer, and parts of Venango and Forest. District 2 is in the north-central area, including Tioga, Bradford, and parts of Susquehanna and Lycoming. District 3 is in the central area, including Luzerne, Monroe, Carbon, and parts of Schuylkill and Northampton. District 4 is in the south-central area, including Westmoreland, Allegheny, Butler, Lawrence, Mercer, and parts of Armstrong and Indiana. District 5 is in the southeast, including Bedford, Fulton, Franklin, Adams, and parts of York and Lancaster. District 6 is in the east-central area, including York, Lancaster, and parts of Lebanon and Berks. District 7 is in the northeast, including Berks, Lehigh, Northampton, and parts of Bucks and Montgomery. The map also shows the borders with New York, Delaware, and Maryland.

6. William A. Bitting, R. D. 1, Harrisburg, Pa. 17111
2. Harold H. Bradley, 7 Sixth Street, Coudersport, Pa. 16915
4. Irk A. McConnell, R. D. 3, McDonald, Pa. 15057
3. Richard M. Roberts, R. D. 1, Falls, Pa. 18615
7. Robert A. Swack, 111 Lilac Lane, Chalfont, Pa. 18914
5. Nick L. Turko, 207 West Crawford Street, Ebensburg, Pa. 15931
1. William L. Woods, Howe-Tourist Home, Titusville, Pa. 16354

RECOMMENDATIONS FOR REGISTRATION AND PREPARATION  
OF LABELS FOR MEDICATED FEEDS

A Medicated Feed is any feed which contains drug ingredients intended or represented for the cure, mitigation, treatment, or prevention of diseases of animals other than man or which contains drug ingredients intended to affect the structure or any function of the body of animals other than man.

Antibiotics included in a feed at growth promotion and/or feed efficiency levels are drug additives and feeds containing such antibiotics are included in the foregoing definition of "Medicated Feed."

All feeds containing drugs must be labeled as medicated feeds using labeling format as in the following recommendation for Type B labels, except that feeds containing antibiotics at growth promotion and/or feed efficiency levels only shall use the Type A labeling format.

Federal Regulations require all firms adding drugs for any purpose to animal feeds to be registered with the U.S. Dept. of Health, Education and Welfare, Food and Drug Administration.

A. Information Required on the Label. In addition to the information required for non-medicated feeds, medicated feeds are required to carry the following information in their labeling; (a) the purpose of the medication; (b) directions for use of the feed; (c) the names of all active drug ingredients; (d) the amounts of all active drug ingredients except for feeds covered by the Type A label where a declaration of amount is optional; (e) a warning or caution statement for a withdrawal period when required for the particular drug contained in the feed, and (f) warnings against misuse. It is suggested that the label include this information in the following form:

1. Net Weight.
2. Brand name or trade name.
3. Product name (may include brand name) and for Type B labels the word "medicated."
4. Purpose (statement of the purpose of the medication and reference to directions for use).
5. Active drug ingredients (list of common names, not trade names) and percentage present, for each drug. All products which contain less than 2,000 grams (total) of antibiotics per ton are to be expressed in grams per ton, and all products which contain 2,000 grams or more are to be expressed in grams per pound. The term "milligrams per pound" will be permitted on the label only in those cases where a dosage is given as "milligrams per day" in the feeding directions.
6. Guaranteed analysis of the feed.
7. Feed ingredients (common name of each).
8. Name and address of manufacturer or registrant.



9. Detailed feeding directions (to be displayed prominently on either front or reverse side of the label). A check list follows:
- Purpose (if necessary to clarify or amplify the above statement).
  - When to feed (specific period necessary for effective use).
  - How to feed, or mix for feeding (feeding method to be followed, i.e., free choice, sole ration, intermittent feeding, etc.; mixing directions for premixes, etc., should give proper level of medication for purpose intended).
  - Precautions (statement of precautions where misuse of the product may be injurious to animals or man).
  - Warning statement (a withdrawal period may be required for safety). (With a mixture of drugs, use the longest period.)
  - Other feeds (reference may be made to other feeds which have a part in a feeding program for the animal).

#### Required Warning Statements

These statements should be separated from other printed directions for use and should be of such label prominence as to be easily read and understood.

- Acetylaminothiazole for Poultry.  
Warning--Discontinue use at least 1 week before slaughtering birds for food to permit elimination of the drug from food.
- Aminothiazole (2-Amino-5-Nitrothiazole for Poultry).  
Warning--Discontinue use at least 1 week before slaughtering birds for food to permit elimination of the drug from the feed.
- Amprolium in Finished Chicken and Turkey Feeds.  
Warning--Do not feed to laying birds.
- Anthelmintics (except Piperazine).  
Warning--Consult veterinarians before using in severely debilitated animals.  
Phenothiazine.  
Warning--Milk from dairy animals which have been treated with phenothiazine should not be used for food for four days following treatment. Individual animals are occasionally sensitive to phenothiazine.  
Cadmium Oxide and Cadmium Anthranilate.  
Warning--Treated hogs must not be slaughtered for food for at least 30 days following treatment to permit elimination of cadmium residues from food.
- Arsenicals (3-nitro-4-hydroxyphenyl arsonic acid, arsanilic acid, 4-nitrophenylarsonic acid, sodium arsanilate, and arsenosobenzene) for Poultry and Swine.  
Warning--Discontinue use at least 5 days before slaughtering animals for food consumption to permit elimination of the drug from the food.

6. Bithionol and Methiotriazamine in Chicken Feed.  
Warning--Not to be fed to laying hens. Do not feed within 5 days of slaughter.
7. Chlortetracycline for Beef Cattle.  
The following warning is required on preparations fed at a level of 350 grams/head/day and above of chlortetracycline:  
Warning--Not to be administered within 48 hours of slaughter.
8. Dienestrol Diacetate for Poultry.  
Warning--Discontinue use at least 48 hours before slaughtering birds for food to permit elimination of the drug from the food.
9. Diethylstilbestrol in Feed for Beef Cattle and Sheep.  
Warning--Not to be fed to breeding or dairy animals. Discontinue at least 48 hours before slaughter.
10. Diethylcarbamazine for Dogs.  
Warning--To be used only when infestation by large round-worms (ascarids) is suspected or known to be present.
11. Glycarbylamide for Poultry.  
Warning--Do not feed to laying hens in production. Discontinue use at least 4 days before slaughtering birds for food to permit elimination of the drug from the food.
12. Hygromycin B for Swine.  
Warning--Discontinue use 48 hours before the treated swine are slaughtered for human consumption.
13. Nicarbazin for Poultry.  
Warning--Do not feed to laying hens in production. Discontinue use at least 4 days before slaughtering birds for food to permit elimination of the drug from the food.
14. Nihydrazone in Chicken Feed.  
Warning--Poultry that have survived salmonella outbreak should not be kept for lay house replacements or breeders unless tests show that they are not carriers. Not to be fed to laying chickens. For broiler replacement chickens not over 14 weeks of age.
15. Nithiazide for Poultry.  
Warning--Do not feed to laying hens. Discontinue use at least 24 hours before slaughtering birds for food to permit elimination of the drug from the food.
16. Novobiocin in Turkey Feeds.  
Warning--May be fed to turkeys for a treatment period of 5 to 7 days. Treatment period may be repeated at a later date if necessary. Discontinue use 3 days before treated animals are slaughtered for human consumption.
17. Nystatin for Turkeys.  
Warning--If used in laying hens, eggs are to be used for hatching purposes only.
18. Oleandomycin for Chickens and Turkeys.  
Warning--When feed is represented for an aid in stimulating growth and improving feed efficiency, the label must show "not to be fed to laying hens."



19. Promazine hydrochloride in cattle (excepting lactating dairy animals) and horses.  
Warning--For use in cattle, except lactating dairy animals, and horses. Withdraw 72 hours prior to slaughter.
20. Ronnel for Beef Cattle and Dairy Heifers.  
Warning--Do not feed to sick animals or animals under stress, such as those just shipped, dehorned, castrated, or weaned. Do not feed to cows producing milk for human consumption. To be used as the sole source of Ronnel.

Treatment Period	Withdrawal Period for Dairy Heifers Before Calving	Withdrawal Period Before Slaughter
75 days	21 days	21 days
14 days	28 days	28 days
7 days	60 days	60 days

21. 3,5-Dinitrobenzamide for Poultry.  
Warning--Do not feed to laying hens. Discontinue use 48 hours before the treated animals are slaughtered for human consumption.

22. Zoalene for Chickens and Turkeys.  
Warning--Not to feed to laying hens.

NOTE: If a drug is represented for prevention or treatment of Salmonellosis, the following statement is required:  
"Warning: Poultry that have survived salmonella outbreaks should not be kept for laying house replacements or breeders unless tests show that they are not carriers."

B. Types of Labels. Labels for medicated complete feeds fall into two different types, as follows (sample formats are shown beginning on page 14).

Type A is to be used for Feeds containing antibiotics only (no other drugs) at the accepted levels for growth promotion and/or feed efficiency as set forth in Food Additive Regulation 121.225. The Following features should be noted:

1. The word "Medicated" should not be used on this label.
2. The statement of purpose should follow the product name, i.e., "For growth promotion and improving feed efficiency when fed as directed."
3. The antibiotic (s) must be declared as Active Drug Ingredient (s).
4. Quantitative guarantee of the antibiotic (s) is required on the labeling of the antibiotic additive, combination of additives, and any intermediate pre-mix, concentrate, or supplement. Adequate mixing directions to provide a finished feed with the proper concentration of the antibiotic additive (s) are also required. Labels for feeds containing growth promotion and/or feed efficiency levels of antibiotics, which are to be fed continuously as a

sole ration, are not required, at the present time, to make quantitative guarantees, except as specifically indicated in certain instances in the Federal Additive Regulations for certain antibiotics, such as Tylosin, Oleandomycin, and Nystatin, wherein quantitative guarantees are required regardless of the level or purpose of the antibiotic.

5. Directions for use should be indicated.

Type B is to be used for all medicated feeds which contain drugs for specific purposes, such as: Prevention of diseases, treatment of diseases, aid in control of diseases, hormone action, worming, etc. It is also to be used for certain non-antibiotic drugs added for growth stimulation and feed efficiency purposes (i.e., organic arsenicals). The following features should be noted:

1. The word "Medicated" shall appear directly following and below the product name, in type-size no smaller than one-half the type-size of the product name.
2. The purpose statement shall appear below the term "Medicated." It should be as precise and simple as that stated in the antibiotic and food additive regulations.
3. Active drug ingredients are to be guaranteed in the usual manner. Note that the hormone percentage need not be stated in the product name but may appear only as a regular active drug ingredient guarantee.
4. Directions for use should be precise and simple. They may be stated on the back of the label providing there is a reference to them on the front of the label, such as "See back of label for direction for use." Alternatively, the purpose statement may be concluded by the phrase, "when fed in accordance with directions for use as stated on back of label." Required warning statements must be conspicuously displayed on the label and preceded by the appropriate word, i.e., "Warning," "Caution," "Important," etc. as consistent with existing federal regulations.

C. Submitting Copy for Registration. It is suggested that typed copy of proposed labeling for medicated feeds be submitted to State and Federal officials for comment before the copy is sent to the printer. This may save the cost of printing unacceptable labels.

Because drugs in feeds may result in tissue residues of the animals which consume the medicated feed, the assay of animal feeds is highly important along with warning statements indicating specific withdrawal time of medicated feeds. No drug or combination of drugs in feeds for animals should be submitted for registration unless a collaboratively tested method for the analysis of the drug in feeds of the type to be used is also submitted.



Code designations of numbers and/or letters may be used in the product name on the label as an aid to identification, but printing in the margin (side-bar labeling) is discouraged. Two-digit numbers should not be used in such code designation, and the code chosen should in no way mislead or confuse the customer. Code designations should not include letters which represent abbreviations of drugs, vitamins or other components of the feed since this may emphasize certain ingredients more than others. "Clutter" items which take up space on the label without providing information to the customer should be avoided. Such items include trade names and trade marks of ingredient suppliers, side-bar labeling, over-printing, date processing numbers of component abbreviations, etc.

D. Customer Formula Feeds Containing Drugs. Such feeds are medicated feeds and the mixer's invoice, which must accompany each and every customer formula feed mix, must include all the information required in the labeling of a commercial feed as it refers to medicated labeling. The invoice, which must accompany delivery of the customer mix, requires the following general information:

1. Name and address of mixer.
2. Name and address of purchaser (or customer).
3. Date of sale or delivery.
4. The product name and brand name, if any, and the number of pounds of each registered commercial feed used in the mixture and the name and number of pounds of each other feed ingredient added.
5. When drug-containing premixes, concentrates, or feed rations are used in the customer formula mix, the invoice must, in addition, state the following information: (a) the specific amount (using recommended units for guarantee) of the active drug ingredient in the final complete mix, (b) the purpose for adding the active drug ingredient (s) in each specific case (medicated claim), (c) specific warning, precaution, or discontinuance statements as required for the drug (s) indicated, and (d) such feeding directions as may be necessary if the feed is intended for use on a limited or intermittent feeding basis.

If one of the drugs to be used in the customer formula mix is intended to perform a purpose which has not been cleared under Federal Regulations, the mixer may be required to apply for a New Drug Application or an Antibiotic Form 10 before he can manufacture the specific mix. If the medicated feed used in the mix can legally be obtained or purchased by the farm feeder, then the custom mixer can legally use the medicated feed, provided the customer formula or specifications are in accordance with the directions for mixing and use as stated on the label of the medicated feed. The custom mixer can do for a farmer any mixing job which the farmer can legally do for himself. It should be noted, however, that the above applies to customer formula mixing operations.

If the same mixer provides a feed product for commercial distribution, using the same medicated feed, it may be necessary then for him to obtain a New Drug Application, a Supplemental New Drug Application clearance, or an Antibiotic Form 10 clearance in accordance with Federal Regulations before he can offer his own commercial feed for general distribution.

E. Sample Labels. Examples of the types of labels are shown on page . The drugs listed on these labels were selected only for illustrative purposes, and it is not intended to imply that they are preferred over other drugs which may be used for the same purpose.

## ERRATA

100 lbs. Net Weight

**BLUE BIRD  
CHICK GROWER**

For growth stimulation and feed efficiency when fed as directed.

**ACTIVE DRUG INGREDIENTS:**  
PENICILLIN (from procaine penicillin)  
BACITRACIN (from manganese bacitracin)

**GUARANTEED ANALYSIS:**  
CRUDE PROTEIN, not less than 17.0%  
CRUDE FAT, not less than ..... 3.0%  
CRUDE FIBER, not more than .. 6.0%

**INGREDIENTS:**  
Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

**DIRECTIONS FOR USE:**  
To be fed as a sole ration for growing poultry.

**MANUFACTURED BY**  
**BLUE BIRD FEED MILLS**  
Robin, Indiana

Type A Label

100 lbs. Net Weight

**BLUE BIRD  
BEEF BALANCER**

**MEDICATED**

For fattening of beef cattle when fed according to directions for use.

**ACTIVE DRUG INGREDIENTS:**  
DIETHYLSTILBESTROL ..... 0.0022%

**GUARANTEED ANALYSIS:**  
CRUDE PROTEIN, not less than 32.0%  
(This includes not more than 12.5% equivalent crude protein from non-protein nitrogen sources)  
CRUDE FAT, not less than ..... 1.5%  
CRUDE FIBER, not more than ..10.0%  
VITAMIN A  
10,000 USP UNITS PER POUND  
VITAMIN D<sub>2</sub>  
4,000 USP UNITS PER POUND

**INGREDIENTS:**  
Each ingredient must be specifically named (unless stated as such in the guaranteed analysis) in accordance with the names and definitions adopted by the AAFCO.

**DIRECTIONS FOR USE:**  
Feed at the rate of one pound per animal per day. Each pound contains 10 milligrams diethylstilbestrol.

**WARNING:** Not to be fed to breeding or dairy animals. Discontinue use of this feed at least 48 hours before slaughter.

**MANUFACTURED BY**  
**BLUE BIRD FEED MILLS**  
Robin, Indiana

Type B Label

25 LBS. NET WEIGHT

BLUE BIRD  
PENICILLIN PREMIX

For use in animal feeds to control diseases and to improve growth and feed efficiency. Do not feed without dilution. Follow mixing and feeding directions carefully.

Active Drug Ingredient:  
Penicillin . . . (from procaine penicillin)  
10.0 grams per pound.

Ingredients  
Procaine penicillin, soybean meal, dried extracted penicillium meal and fermentation solubles, calcium carbonate.

Directions For Use  
(a) In poultry rations for the treatment of CRD (chronic respiratory disease) and bluecomb: Mix thoroughly 10 lbs. of Blue Bird Penicillin Premix in each ton of the ration and feed to birds until symptoms disappear.  
(b) For other uses, see instructions provided by your supplier.

Manufactured by  
BLUE BIRD FEED MILLS  
Robin, Indiana

Sample Label for a Premix

100 LBS. NET WEIGHT

BLUE BIRD  
HOG WORMER

For the Removal of Large Round-worms (Ascaris lumbricooides). Follow directions on back of tag.

Active Drug Ingredient:  
Cadmium Oxide . . . . . 0.015%

Guaranteed Analysis

INGREDIENTS  
Each ingredient must be specifically named (unless stated as such in the guarantee analysis listing) in accordance with the names and definitions adopted by the AAFCO.

Manufactured by  
BLUE BIRD FEED MILLS  
Robin, Indiana

Special Label

100 LBS. NET WEIGHT

BLUE BIRD  
SPECIAL SOW RATION  
MEDICATED

For Treatment of Bacterial Scours and baby pig Diarrhea, when fed according to directions for use.

Active Drug Ingredients:  
Oxytetracycline . . . . . 150 gm./ton  
Furazolidone . . . . . 0.033%

Guaranteed Analysis:  
Crude Protein, not less than . . . . . 20.0%  
Crude Fat, not less than . . . . . 4.0%  
Crude Fiber, not more than . . . . . 4.5%

INGREDIENTS:  
Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

DIRECTIONS FOR USE:  
To be fed as a sow's sole ration for 3 weeks, starting one week before farrowing and continuing 2 weeks thereafter.

WARNING:  
Do not feed for a period of more than 3 weeks.

Manufactured By  
BLUE BIRD FEED MILLS  
Robin, Indiana

Type B Label

100 LBS. NET WEIGHT

BLUE BIRD  
CHICK STARTER 3218  
MEDICATED

To aid in preventing outbreaks of coccidiosis. Follow feeding directions and warning statement on back of this label.

Active Drug Ingredient(s)  
Nicarbazin . . . . . 0.0125%

Guaranteed Analysis  
Crude Protein, not less than . . . . . 20.0%  
Crude Fat, not less than . . . . . 4.0%  
Crude Fiber, not more than . . . . . 3.0%

INGREDIENTS  
Each ingredient must be specifically named (unless stated as such in the guarantee analysis listing) in accordance with the names and definitions adopted by the AAFCO.

Manufactured by  
BLUE BIRD FEED MILLS  
Robin, Indiana

Type B Label



## SPECIALITY FERTILIZER LABELING

The following information is to appear on the container in a readable form and in a conspicuous place. If it does not appear on the face or display side, it shall occupy at least the upper third of a side of the container.

The label itself is to be in the following order and form:

Line No.

1. New Weight
- 2a Brand Name
- 2b Grade
3. Guaranteed Analysis
4. Total Nitrogen----- %
5. \_\_\_\_\_% Ammoniacal Nitrogen\*\* \_\_\_\_\_%
6. \_\_\_\_\_% Nitrate Nitrogen\*\* \_\_\_\_\_%
7. \_\_\_\_\_% Water Insoluble Nitrogen\* \_\_\_\_\_%
8. Available Phosphoric Acid ( $P_2O_5$ )----- %
9. \_\_\_\_\_% Total Phosphoric Acid ( $P_2O_5$ )\*\* \_\_\_\_\_%
10. Soluble Potash ( $K_2O$ )----- %
11. Additional Plant Nutrients, if claimed and \_\_\_\_\_%  
in order and with minimum percentage as in  
the AAFCO Publication #15 dated October, 1961.
12. \*\*Potential Acidity or Basicity \_\_\_\_\_% or \_\_\_\_\_ lbs.  
of Calcium Carbonate Equivalent per ton.
13. Name and address of registrant.

Notes:

\*If claimed or the statement "organic" or "slow acting nitrogen" is used on the label.

\*\*If claimed or required (Required for unacidulated mineral phosphatic materials and basic slag).



## ADDITIONAL PLANT NUTRIENTS

The Bureau of Foods and Chemistry of the Pennsylvania Department of Agriculture actively supports the Association of American Fertilizer Control Officials. Therefore, we propose to formally promulgate the following of their recommendations as our regulations.

ADDITIONAL PLANT NUTRIENTS, besides nitrogen, phosphorus, and potassium, when mentioned or claimed on the label or container shall be registered and shall be guaranteed. Guarantees shall be made on the elemental basis. Sources of the elements guaranteed shall be shown on the application for registration. When claims for such nutrients are made on the label, container, or application for registration the minimum percentages which will be accepted for registration are as follows:

Element	%
Calcium (Ca)	1.00
Magnesium (Mg)	0.50
Sulfur (S)	1.00
Boron (B)	0.02
Chlorine (Cl)	0.10
Cobalt (Co)	0.0005
Copper (Cu)	0.05
Iron (Fe)	0.10
Manganese (Mn)	0.05
Molybdenum (Mo)	0.0005
Sodium (Na)	0.10
Zinc (Zn)	0.05

Guarantees or claims for the above-listed additional plant nutrients are the only ones which will be accepted. Proposed label and directions for use of the fertilizer shall be furnished with the application for registration upon request. Warning or caution statements are required on the label for any product which contains 0.03% or more of boron in a water soluble form or 0.001% or more of molybdenum. Any of the above listed elements which are guaranteed shall appear in the order listed, immediately following guarantees for primary nutrients, nitrogen, phosphorus, and potassium.

Effective: July 1, 1963



# COMMERCIAL FEED ANALYSES

## KEY

- F - Found to be present.
- G - Guaranteed to be present.
- \* - Differs significantly from guarantee.
- # - Not registered when sampled.
- + - Drug level, when checked, agreed substantially with guarantee.
- 1 - Differs significantly from guarantee for Arsanilic Acid.\*
- 2 - Differs significantly from guarantee for Enheptin.\*
- 3 - Differs significantly from guarantee for Furazolidone.\*
- 4 - Differs significantly from guarantee for Nicarbazin.\*
- 5 - Differs significantly from guarantee for Nitrofurazone.\*
- 6 - Differs significantly from guarantee for Nitrophenide.\*
- 7 - Differs significantly from guarantee for 3-Nitro-4-Hydroxyphenyl-arsonic Acid.\*
- 8 - Differs significantly from guarantee for 4-Nitrophenylarsonic Acid.\*
- 9 - Differs significantly from guarantee for Sodium Arsanilate.\*
- 10 - Differs significantly from guarantee for Sulfaquinoxaline.\*
- 11 - Differs significantly from guarantee for Acetyl-(para-nitrophenyl)-Sulfanilamide.\*
- 12 - Differs significantly from guarantee for Bithionol.\*
- 13 - Differs significantly from guarantee for p-Ureidobenzene Arsonic Acid.\*
- 14 - Differs significantly from guarantee for Diethylstilbestrol.\*
- 15 - Differs significantly from guarantee for Zoalene.\*
- 16 - Differs significantly from guarantee for Glycarbylamide.\*
- 17 - Differs significantly from guarantee for Amprolium.\*
- 18 - Differs significantly from guarantee for 3,5-Dinitrobenzamide.\*
- 19 - Differs significantly from guarantee for Phenothiazine.\*
- 20 - Differs significantly from guarantee for Arsenosobenzene.\*
- 21 - Differs significantly from guarantee for Nithiazide.\*
- 22 - Differs significantly from guarantee for Piperazine.\*
- 23 - Differs significantly from guarantee for Sodium Propionate.\*
- 24 - Differs significantly from guarantee for Nihydrazone.\*

\*Note: - "a" indicates drug level excessively high.



MANUFACTURER AND BRAND		PROTEIN		FAT		FIBER		NOTES
		F	G	F	G	F	G	
Allied Mills, Inc. - Continued								
Wayne	Chick Mixer Medicated M-66	36.25	36.00	4.65	4.00	6.90	6.50	+
Wayne	Complete Horse Krunch	13.25	12.50	3.00	2.00	22.56	20.00	
Wayne	20% Dairy "E"	20.34	20.00	3.69	3.50	6.63	9.00	
Wayne	Dairy Mixer	34.06	32.00	2.01	1.50	7.67	10.00	
Wayne	Dairy Mixer	34.50	32.00	1.75	1.50	9.04	10.00	
Wayne	Dairy Mixer	34.38	32.00	2.50	1.50	9.21	10.00	
Wayne	Dairy Mixer	34.69	32.00	2.37	1.50	8.92	10.00	
Wayne	Dairy Mixer	35.00	32.00	2.01	1.50	10.32	10.00	
Wayne	30% Dairy Mixer A-81	33.60	30.00	2.80	1.50	10.40	12.00	
Wayne	42% Dairy Mixing Supplement	42.19	42.00	2.15	1.50	6.90	7.00	
Wayne	42% Dairy Mixing Supplement	43.75	42.00	1.86	1.50	6.77	7.00	
Wayne	42% Dairy Mixing Supplement	42.77	42.00	2.37	1.50	6.59	7.00	
Wayne	42% Dairy Mixing Supplement	43.34	42.00	1.50	1.50	6.39	7.00	
Wayne	42% Dairy Mixing Supplement	40.27	42.00	2.15	1.50	7.55	7.00	
Wayne	42% Dairy Mixing Supplement	43.11	42.00	1.39	1.50	5.83	7.00	
Wayne	42% Dairy Mixing Supplement	42.26	42.00	1.71	1.50	6.12	7.00	
Wayne	32% Dairy Supplement	33.13	32.00	2.72	1.50	5.89	7.00	
Wayne	32% Dairy Supplement	34.38	32.00	1.81	1.50	6.40	7.00	
Wayne	32% Dairy Supplement	32.50	32.00	1.92	1.50	7.13	7.00	
Wayne	32% Dairy Supplement	31.88	32.00	2.84	1.50	6.23	7.00	
Wayne	32% Dairy Supplement	32.75	32.00	1.56	1.50	7.34	7.00	
Wayne	32% Dairy Supplement	34.06	32.00	1.82	1.50	5.78	7.00	
Wayne	32% Dairy Supplement	35.94	32.00	1.82	1.50	6.72	7.00	
Wayne	42% Dairy Supplement	42.53	42.00	1.71	1.50	6.16	7.00	
Wayne	Dog Food	25.00	25.00	6.94	7.00	3.00	5.00	
Wayne	Egg Medicated M-29	23.31	22.00	4.04	3.50	4.93	5.00	+
Wayne	Egg Medicated M-29	25.63	22.00	4.75	3.50	4.21	5.00	+
Wayne	Egg Medicated M-29	22.31	22.00	4.03	3.50	4.12	5.00	+
Wayne	Egg Producer	22.81	20.00	4.72	3.50	6.56	7.00	
Wayne	Egg Producer	21.75	20.00	4.33	3.50	6.20	7.00	
Wayne	Egg Producer	22.50	20.00	4.41	3.50	6.26	7.00	
Wayne	Fitting Ration "E"	15.49	14.00	4.16	4.00	6.43	7.00	
Wayne	Fitting Ration "E"	15.05	14.00	3.91	4.00	6.42	7.00	
Wayne	Game Bird Starter	*27.06	30.00	5.03	4.00	5.38	5.00	
Wayne	Hi-C <sub>2</sub> Layer Medicated M-29	17.94	17.00	3.89	4.00	4.22	4.00	+
Wayne	Hi-C <sub>2</sub> Layer Medicated M-29	19.69	17.00	4.06	4.00	4.41	4.00	+
Wayne	High Fiber Pullet Developer Medicated M-90	15.94	14.00	3.53	2.50	7.23	9.00	15
Wayne	Hog Balancer	37.13	35.00	2.78	1.50	6.32	7.00	
Wayne	Hog Balancer Medicated M-29	36.56	35.00	2.65	1.50	5.85	7.00	+
Wayne	Hog Balancer Medicated M-29	40.50	35.00	3.23	1.50	7.10	7.00	+
Wayne	Hog Balancer Medicated M-29	36.56	35.00	2.77	1.50	5.78	7.00	+
Wayne	Hog Balancer Medicated M-29	37.81	35.00	2.76	1.50	5.39	7.00	+
Wayne	Hog Finisher Medicated M-29	12.81	12.00	3.58	2.50	2.77	4.50	+
Wayne	Horse Krunch	15.16	12.00	4.06	3.00	6.22	9.00	
Wayne	Horse Krunch	14.40	12.00	3.73	3.00	6.70	9.00	
Wayne	Horse Krunch	14.54	12.00	3.62	3.00	5.60	9.00	
Wayne	Horse Krunch	14.44	12.00	3.37	3.00	6.72	9.00	
Wayne	14% Milk Producer Pellets	18.56	14.00	4.24	3.00	8.42	12.00	
Wayne	14% Milk Producer Pellets	15.00	14.00	4.04	3.00	9.41	12.00	
Wayne	14% Milk Producer Pellets	15.75	14.00	3.67	3.00	10.62	12.00	
Wayne	14% Milk Producer Pellets	17.19	14.00	3.89	3.00	9.78	12.00	
Wayne	14% Milk Producer Pellets	16.88	14.00	3.93	3.00	10.21	12.00	
Wayne	Parlor Test Cow	18.50	16.00	4.21	4.00	5.70	7.00	
Wayne	Pig Balancer Medicated M-29	40.63	40.00	3.96	2.50	5.22	7.00	+
Wayne	Pig Balancer Medicated M-29	41.25	40.00	3.53	2.50	5.75	7.00	1
Wayne	Pig Balancer (400) Medicated M-56	41.56	40.00	3.20	2.50	5.33	7.00	+
Wayne	Pigeon Feed	13.75	9.00	2.19	2.00	3.19	5.00	
Wayne	Poultry Mixer Medicated M-29	36.00	36.00	4.71	4.00	5.20	6.50	+
Wayne	36% Poultry Mixer Medicated M-29	36.25	36.00	5.45	4.00	6.25	6.50	+
Wayne	36% Poultry Mixer Medicated M-29	40.31	36.00	4.40	4.00	6.06	6.50	+
Wayne	36% Poultry Mixer Medicated M-29	38.13	36.00	5.66	4.00	6.69	6.50	+
Wayne	36% Poultry Mixer Medicated M-29	39.00	36.00	4.82	4.00	6.17	6.50	+
Wayne	Pullet Grower Medicated M-66	24.06	22.00	4.33	3.00	5.45	7.00	+
Wayne	Pullet Starter Medicated M-66	17.50	19.00	4.21	3.00	4.71	6.00	+
Wayne	Pullet Starter Medicated M-66	21.63	19.00	4.80	3.00	5.21	6.00	+
Wayne	Pullet Starter Medicated M-66	23.31	19.00	4.77	3.00	5.24	6.00	+
Wayne	Rabbit Ration	19.06	17.00	3.53	2.00	9.12	15.00	
Wayne	Rabbit Ration	19.38	17.00	3.42	2.00	8.32	15.00	
Wayne	Scratch Feed	9.06	9.00	2.38	2.00	1.52	5.00	
Wayne	Scratch Feed	9.69	9.00	2.55	2.00	2.01	5.00	
Wayne	Sweet Bulky Feed	13.44	12.00	2.33	1.50	10.17	15.00	
Wayne	Sweet Mix	30.63	30.00	2.18	1.50	7.55	8.00	
Wayne	Tail Curler Medicated M-56	17.50	16.00	4.24	3.00	4.38	4.00	+
Wayne	Tail Curler Medicated M-56	17.25	16.00	3.75	3.00	3.35	4.00	+
Wayne	Tail Curler Medicated M-83	18.75	16.00	3.71	3.00	3.98	4.00	+
Wayne	Tail Curler Medicated M-83	16.75	16.00	3.93	3.00	3.72	4.00	+
Wayne	Tail Curler Medicated M-83	16.88	16.00	3.81	3.00	4.39	4.00	+
Wayne	Tail Waggen Dog Food	25.56	25.00	9.24	7.00	3.03	5.00	
Wayne	16% Test Cow	20.44	16.00	4.45	4.00	7.37	7.00	
Wayne	16% Test Cow	19.06	16.00	*3.04	4.00	*8.43	7.00	
Wayne	Turkey Finisher	16.56	14.00	4.68	3.50	3.92	4.50	
Wayne	Turkey Grower Medicated M-53	25.94	22.00	4.31	3.00	5.23	6.00	+

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Allied Mills, Inc. - Continued							
Wayne Turkey Grower Medicated M-53	25.94	22.00	4.98	3.00	5.28	6.00	+
Wayne Turkey Starter Medicated M-53	27.50	26.00	4.59	4.00	5.17	5.50	+
Wayne Universal Breeder Medicated M-29	19.06	16.00	4.34	4.00	4.44	4.00	+
Wayne Universal Egg Medicated M-29	18.13	17.00	4.16	4.00	3.55	3.50	+
Wayne Universal Egg Medicated M-29	17.19	17.00	4.26	4.00	2.57	3.50	+
Wayne Universal Egg Medicated M-29	17.19	17.00	4.43	4.00	3.41	3.50	+
Wayne 36% Universal Mixer	38.75	36.00	4.23	4.00	6.01	6.50	
Wayne Universal Turkey Grower Medicated M-53	21.25	18.00	4.43	3.00	4.31	4.50	+
Whole Oats	13.56	12.00	4.47	3.50	10.80	12.00	
Altenwald Elevator Company Waynesboro, Pa.							
Check-R-Mix Hog Finisher No. 2 (A)	13.44	12.00	3.69	2.50	3.05	6.00	
Scratch Feed	11.88	9.50	2.76	1.20	4.60	5.50	
Howard F. Althouse Mohrsville and Centerport, Pa.							
20% Egg Mash	23.13	20.00	3.93	3.75	6.38	7.50	
Growing Mash	20.94	18.00	4.33	4.00	5.85	7.00	
Pig Feed	18.44	16.00	3.33	3.50	3.53	8.00	
Altman's Feed Mills, Inc. Irwin, Pa., and Troy, Ohio							
Blue Bird 16% Dairy Feed	17.81	16.00	2.61	1.50	10.30	12.00	
"B" Growing Mash	16.88	17.00	3.58	4.00	4.28	7.00	
"B" Growing Mash	17.50	17.00	3.83	3.00	4.70	7.00	
"B" Starting Ration	17.81	18.00	*3.38	4.00	4.74	6.00	
"B" Starting Ration	18.75	18.00	3.45	3.50	4.95	7.00	
"B" Starting Ration	17.50	18.00	4.41	3.50	6.45	7.00	
"B" Starting Ration	16.88	18.00	5.85	4.00	8.93	7.00	+
Cyclone All-In-One Rabbit Pellets Medicated	22.44	18.00	4.75	4.00	*9.78	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	16.38	18.00	4.47	4.00	*8.85	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	16.56	18.00	4.66	4.00	*9.68	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	18.56	18.00	4.21	4.00	*9.66	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	16.25	18.00	4.17	4.00	7.68	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	19.06	18.00	4.20	4.00	9.15	7.00	3
Cyclone Enriched Fitting Ration	11.47	12.00	4.47	3.00	*11.23	8.00	
Cyclone Enriched Fitting Ration	15.91	12.00	2.82	3.00	7.84	8.00	
#Cyclone Enriched Fitting Ration	10.93	12.00	3.07	3.00	11.05	8.00	
Cyclone Hi-Energy Dairy Crunch	17.33	15.00	3.80	4.00	6.95	8.00	
Cyclone 18% Layer	19.06	18.00	5.25	5.00	4.96	6.00	
Cyclone 18% Layer	18.44	18.00	5.90	5.00	5.36	6.00	
Cyclone 18% Layer	18.75	18.00	4.99	5.00	5.46	6.00	
Cyclone 18% Layer	20.00	18.00	4.57	5.00	4.66	6.00	
Cyclone 18% Layer	19.13	18.00	5.66	5.00	5.25	7.00	
Cyclone 18% Layer	16.56	18.00	6.09	6.00	4.31	5.00	+
Cyclone Starting & Growing Mash Medicated	*16.88	18.00	5.51	6.00	4.09	5.00	+
Cyclone Starting & Growing Mash Medicated	16.94	18.00	6.80	6.00	4.94	5.00	+
Cyclone Starting & Growing Mash Medicated	35.94	32.00	2.28	2.00	6.79	8.00	
32% Dairy Concentrate	34.06	32.00	2.29	2.00	7.92	8.00	
32% Dairy Concentrate	34.12	32.00	1.53	2.00	7.47	8.00	
32% Dairy Concentrate	33.13	32.00	2.65	2.00	6.95	8.00	
32% Dairy Concentrate	33.13	32.00	2.41	2.00	8.50	9.00	
32% Dairy Concentrate	15.63	15.00	4.46	2.00	10.45	10.00	
Dairy Delight	18.06	15.00	2.27	2.00	8.57	10.00	
Dairy Delight	15.63	15.00	2.25	2.00	9.49	10.00	
Dairy Delight	15.00	16.00	3.06	2.00	7.63	10.00	
16% Dairy Ration	17.19	16.00	2.61	2.00	7.77	10.00	
16% Dairy Ration	18.13	16.00	3.28	2.00	9.52	10.00	
16% Dairy Ration	17.50	16.00	2.40	2.00	7.20	10.00	
16% Dairy Ration	38.50	38.00	*1.39	2.00	8.34	9.00	
Economy Dairy Supplement	18.75	18.00	3.74	3.00	3.90	7.00	
Egg Mash	22.06	18.00	3.60	3.50	7.11	7.00	
Egg Mash	19.00	18.00	3.36	3.00	4.27	7.00	
Egg Mash	21.88	18.00	4.05	3.50	6.59	7.00	
Egg Mash	19.06	18.00	3.33	3.50	6.05	7.00	
Egg Mash	19.69	18.00	4.13	3.50	5.50	7.00	
Egg Mash	18.75	18.00	3.35	3.50	6.18	7.00	
Egg Mash	21.25	18.00	3.33	3.00	6.63	7.00	
Fullgrain Stock Feed	11.88	10.00	2.98	2.00	4.14	12.00	
Fullgrain Stock Feed	12.19	10.00	2.96	2.00	10.39	12.00	
Fullgrain Stock Feed	10.00	10.00	3.03	2.00	9.86	12.00	
Hi-Energy Dairy Crunch	17.74	15.00	3.89	4.00	7.09	7.00	
40% Hog Concentrate	42.06	40.00	4.22	2.50	5.53	6.00	
Hog Feed	14.75	14.00	3.19	2.00	*9.87	7.00	
Hog Feed	19.13	14.00	4.63	2.00	6.53	7.00	
Hog Feed	13.81	14.00	3.16	2.00	*9.34	7.00	
Hog Feed	17.94	14.00	4.65	2.00	7.37	7.00	
Hog & Pig Feed	19.06	18.00	3.72	3.00	5.47	7.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Altman's Feed Mills, Inc. - Continued							
Horse Feed	11.04	10.00	3.27	2.50	6.25	6.00	
Horse Feed	10.10	10.00	2.92	2.50	5.76	6.00	
Horse Feed	9.92	10.00	3.22	2.50	8.09	6.00	
Horse Feed	10.25	10.00	3.20	2.50	6.57	6.00	
Horse Feed	10.44	10.00	2.68	2.50	*8.36	6.00	
Horse Feed	10.46	10.00	2.52	2.50	6.80	6.00	
Horse & Mule Feed	13.12	10.00	2.86	2.00	*8.09	7.00	
Horse & Mule Feed	11.19	10.00	2.91	2.00	6.19	7.00	
Layett-Crumbs Medicated	14.06	15.00	2.74	2.00	*9.51	8.00	
Layett-Crumbs Medicated	20.13	15.00	3.13	2.00	7.29	8.00	
Pig & Hog Feed	16.69	14.00	3.96	2.00	*8.91	7.00	
35% Poultry Concentrate	38.13	35.00	5.60	4.00	5.61	5.00	
35% Poultry Concentrate	35.00	35.00	5.03	4.00	*6.65	5.00	
35% Poultry Concentrate	35.94	35.00	5.61	4.00	7.53	5.00	
Scratch Feed	9.06	8.00	3.39	2.00	3.21	5.00	
Scratch Feed	9.81	8.00	3.56	2.00	3.80	5.00	
Super A Dog Food	26.25	25.00	5.40	5.00	3.06	6.00	
Super A Dog Food	*22.38	25.00	5.40	5.00	3.97	6.00	
Super A Egg Mash	23.63	22.00	3.58	4.00	5.32	6.00	
Super A Egg Mash	22.50	22.00	3.90	3.50	5.40	7.00	
Super A Egg Mash	21.88	22.00	4.25	3.50	4.85	7.00	
#Winter Wheat Bran	15.31	13.00	3.63	3.00	7.43	11.00	
Alto Products Company Philadelphia, Pa.							
Dog Food	8.15	8.00	1.55	1.50	0.80	1.50	
The Amburgo Company, Inc. Philadelphia, Pa.							
Sard-X	63.44	60.00	10.35	6.00	0.33	2.00	
Supertrate	50.63	48.00	7.18	7.00	4.15	4.00	
Amendt Milling Company Monroe, Michigan							
#Wheat Middlings with Ground Wheat Screenings N.E.M.R.	16.56	13.00	4.15	3.50	5.75	7.50	
American Crystal Sugar Company Denver, Colo.							
Dried Beet Pulp with Beet Molasses	9.38	9.50	0.61	0.30	16.22	19.00	
Plain Dried Beet Pulp	9.69	8.50	0.78	0.30	20.58	22.00	
Plain Dried Beet Pulp	9.19	8.50	0.82	0.30	19.97	22.00	
Plain Dried Beet Pulp	8.88	8.50	0.45	0.30	20.54	22.00	
American Maize-Products Company New York, N. Y.							
Corn Gluten Meal	41.25	41.00	0.98	1.00	2.93	6.00	
Corn Gluten Feed	24.06	21.00	*1.71	2.00	7.27	9.50	
Anchor Serum Company Indianapolis, Ind.							
#Con-trol	Calcium 13.85	13.00	Phosphorus 2.95	2.64	Salt 20.53	24.00	+
S. T. Andersen & Son Sugar Grove, Pa.							
Cow Feed	17.81	18.00	3.90	3.00	6.56	10.00	
Anderson Brothers New Park, Pa.							
Hog Feed	20.00	17.00	3.29	2.00	8.44	8.00	
Anderson Feed Company Hungerford, Pa.							
20% Dairy Feed	23.75	20.00	3.10	2.00	10.13	11.00	
Pep Mix Grower Mash	21.88	20.00	4.27	3.00	4.34	6.00	
Pep Mix Laying Mash	21.25	20.00	4.63	3.00	3.51	6.00	
Anderson Feed & Supply Brockway, Pa.							
All Mash Layer	15.56	15.00	3.31	3.00	2.99	5.00	
Corn & Oats Chop	11.25	9.00	3.42	3.00	5.79	11.00	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Andre & Son Montrose, Pa.							
Fitting Ration	14.69	13.00	4.11	3.00	6.84	9.00	
Hi-Cal 16	16.88	16.00	2.89	3.00	6.96	9.00	
Horse Feed	12.81	10.00	4.06	3.00	6.86	9.00	
H. O. Andrews & Sons, Inc. Mapleton Depot, Pa.							
Chick Starter Medicated	22.06	21.00	3.26	3.00	4.73	5.00	+
Corn & Oats Chop	9.38	8.00	3.24	2.00	5.67	9.00	
Dairy Concentrate	41.45	40.00	2.40	2.00	5.51	6.50	
Dairy Concentrate	43.44	40.00	2.57	2.00	5.51	6.50	
Growing Mash Medicated	16.25	18.00	4.37	3.50	4.54	4.50	+
Laying Mash	20.56	20.00	3.52	3.00	3.68	4.50	
Laying Mash	*18.81	20.00	4.98	3.00	4.25	4.50	
Laying Mash	20.00	20.00	3.40	3.00	4.31	4.50	
Laying Mash Concentrate	38.44	38.00	3.39	3.00	5.75	6.50	
Milk-Maker	17.31	16.00	2.92	2.00	6.51	9.50	
Pig Starter Medicated	17.81	18.00	3.76	3.50	4.41	4.00	7a
Geo. M. Anthony & Sons Milling Company, Inc. Strausstown, Pa.							
All Mash Layer Medicated	18.13	16.00	4.02	3.00	3.32	5.00	+
16% Dairy Feed	16.56	16.00	3.13	3.00	7.11	8.50	
Laying Mash Medicated	22.50	20.00	6.19	5.00	4.64	6.00	+
Pig Feed	18.44	16.00	4.32	3.00	4.87	7.00	
Anvil Mineral Products Corporation North Prairie, Wisconsin							
Yeast Culture	11.19	10.00	4.06	3.00	2.72	5.00	
Apollo Milling Company, Inc. Apollo, Pa.							
Complete Grower	17.69	16.00	4.38	3.50	3.90	7.00	
16% Dairy Feed	16.56	16.00	3.26	2.50	7.11	9.00	
Laying Mash	18.75	18.00	3.86	3.50	5.12	7.00	
Archer-Daniels-Midland Company Minneapolis, Minn.							
32% Protein Linseed Meal, Solvent Extracted	33.13	32.00	1.69	0.50	9.66	11.00	
44% Protein Soybean Meal, Solvent Extracted	44.38	44.00	1.05	0.50	*7.75	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.94	44.00	1.15	0.50	6.06	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.38	44.00	0.88	0.50	6.86	7.00	
Ardmore Seed Store Bryn Mawr, Pa.							
Wild Bird Seed	10.19	10.00	5.39	3.50	4.11	13.00	
Arenel Farms Shoemakersville, Pa.							
Complete Calf Developer	18.53	17.00	3.26	3.00	7.57	8.00	
Rabbit Pellets	17.50	17.00	3.82	2.50	12.85	15.00	
Armour & Company Chicago, Ill.							
50% Meat & Bone Scraps	51.44	50.00	11.99	6.00	1.74	3.00	
John W. Arnold Cocolamus, Pa.							
All Mash Growing Mash	17.50	16.00	4.33	4.00	5.06	6.00	
All Mash Laying Mash	17.50	16.00	4.53	4.00	2.81	5.00	
All Mash Laying Mash	15.94	16.00	4.81	4.00	3.10	5.00	
Chick Starter Medicated	24.38	21.00	4.27	4.00	3.66	4.00	
Laying Mash	21.88	20.00	5.03	4.00	4.55	5.00	
Laying Mash	19.75	20.00	5.09	4.00	3.70	5.00	
Pig Grower	16.25	15.00	3.60	3.00	3.61	4.00	
Pig Grower	16.31	15.00	4.86	3.00	4.41	4.00	
Arundel Feed Corporation Baltimore, Md.							
#Meat & Bone Scrap 48%	46.56	48.00	10.37	8.00	1.92	3.00	
Nocako	5.94	5.00	*0.24	0.50	12.79	18.00	
Nocako	8.13	5.00	0.33	0.50	8.40	18.00	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Athens Cooperative G.L.F. Service, Inc. Athens, Pa.							
18% Dairy	18.44	18.00	3.95	4.00	6.39	10.00	
Bahn's Mill, Inc. R. D. 1, Windsor, Pa.							
16% Hog Feed	17.50	16.00	4.05	3.50	4.05	5.00	
22% Laying Mash	23.75	22.00	5.47	4.50	4.23	5.50	
Super Layer	21.88	20.00	5.15	4.50	4.03	6.00	
Hoke Bair Company Hanover, Pa.							
Check-R-Mix Starting Feed (BA) M P Medicated	23.75	20.00	4.58	2.50	4.26	7.00	+
H. J. Baker & Bro., Inc. New York, N. Y.							
Cura-Phos	Calcium 35.62 36.00		Phosphorus 14.62 14.00				
A. J. Balshi, Inc. Catawissa, Pa.							
All Mash Growing Mash Medicated	16.75	14.00	4.16	3.50	3.69	7.50	
#Milk-Hi Dairy Concentrate	40.00	40.00	*2.08	3.00	4.55	8.00	
#Pig & Sow Feed	18.56	14.00	3.64	3.20	4.02	4.00	
Banner Flour Mills Fairchance, Pa.							
20% Egg Mash	20.94	20.00	4.70	3.75	5.47	7.50	
Horse & Mule Feed	11.98	8.00	2.86	3.00	5.43	7.00	
15% Pig Starter & Grower	19.06	15.00	3.98	3.75	6.56	7.00	
Bannock Food Company, Inc. West Chester, Pa.							
Beef & Beef By-Products Dog Food	13.18	12.00	*12.29	6.00	0.67	1.50	
Beef Flavor Dog Food	*7.25	10.00	*1.55	4.00	1.18	1.00	
Kibbled Biscuit Dog Food	24.38	22.00	7.63	4.00	*3.36	2.00	
Barker, Moore & Mein Company, Inc. Lebanon, Pa.							
Bar-Min No. 1	Calcium 30.31 30.00		Phosphorus 4.22 4.00				
Bar-Min No. 1	Calcium 27.08 30.00		Phosphorus 4.36 4.00				
Barlieb's Feed & Grain Service Kunkletown, Pa.							
All Mash Layer	17.94	16.00	4.89	3.00	5.01	5.00	
Egg Mash	24.38	22.00	4.67	3.00	6.43	6.50	
S. C. Barnes Starrucca, Pa.							
Dairy Feed	18.75	16.00	3.28	3.00	6.85	12.00	
Fitting Ration	12.81	12.00	2.96	3.00	6.89	11.00	
Walter L. Barnhardt Llewellyn, Pa.							
Pigeon Feed No. 1	11.50	11.50	2.60	2.50	2.34	4.20	
Pigeon Feed, Racing	15.00	15.50	2.45	2.50	3.86	4.00	
Bashore & Moore R. D. 1, Pottsville, Pa.							
Breeder	12.19	12.00	3.06	3.00	2.26	5.00	
Pigeon Feed	14.38	14.00	2.76	3.00	5.85	5.00	
Sweet Stock	*10.02	12.00	3.99	3.00	7.38	10.00	
Wild Bird Feed	11.56	10.00	5.11	3.00	6.47	6.00	
The Baugh Chemical Company Philadelphia, Pa.							
Sterilized Steamed Bone for Feeding	10.31	5.00	1.72	0.20	6.64	4.00	
Bay State Milling Company Leavenworth, Kan.							
#Wheat Shorts with Ground Wheat Screenings	17.50	16.00	4.18	3.50	6.75	7.00	



MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Beacon Feeds Division of Textron, Inc. Cayuga, N. Y.							
Bulky Green	9.73	9.00	2.06	1.50	15.63	20.00	
Cage Mate A Medicated	17.50	16.00	3.55	3.00	3.33	5.00	+
Calf Grow	18.35	17.00	3.14	3.00	7.18	9.00	
Calf Grow	20.63	17.00	3.50	3.00	6.74	9.00	
"15" Coarse Test Cow Ration	15.63	15.00	4.26	4.00	5.57	7.50	
Dog Meal	24.67	24.00	8.49	6.00	3.71	5.00	
"22" Egg Mash	22.44	22.00	4.90	3.50	3.81	6.00	
Egg Mate A Medicated	16.56	16.00	3.38	3.00	3.51	5.00	+
Egg Mate A Medicated	16.88	16.00	3.66	3.00	3.20	5.00	+
Grower All-Mash AP Medicated	16.25	16.00	3.93	3.50	5.07	6.00	+
Hi-Energy "16" Test Pellets	16.56	16.00	4.34	4.25	6.49	7.00	
O.011% Iodinated Casein Mix with Duck Grower Finisher	15.00	15.50	3.54	2.75	3.78	6.50	
Market Egg All-Mash A Medicated	17.81	17.00	3.92	3.50	2.58	5.00	+
Market Egg All-Mash A Medicated	19.38	17.00	3.86	4.00	3.02	4.00	+
Medicated Poultry Mix ICT-FZ	20.31	20.00	3.89	3.00	4.70	5.75	3
Milk Check Coarse "16"	16.78	16.00	3.94	3.75	9.64	9.00	
Milk Check "20" Dairy Ration	21.88	20.00	4.04	3.75	7.40	9.00	
Milky Way "16" Pellets	16.19	16.00	4.48	4.00	8.35	9.00	
Milky Way "18" Pellets	18.44	18.00	4.52	4.00	9.08	9.00	
"24" Mixer	25.94	24.00	2.95	3.00	9.45	9.00	
"24" Mixer	27.38	20.00	3.35	3.00	10.19	10.00	
"32" Mixer	35.63	32.00	1.86	2.00	8.17	10.00	
"32" Mixer	32.81	32.00	2.53	2.00	9.73	10.00	
"32" Mixer	36.13	32.00	2.65	2.00	7.26	10.00	
"32" Mixer	35.31	35.00	3.73	3.00	4.51	6.00	
Mixer 200	36.88	36.00	3.78	2.50	3.20	5.00	
Mixer 250	38.75	36.00	5.28	2.50	3.37	5.00	
Mixer 250	16.56	16.00	4.39	3.75	*10.11	9.00	
Prof-ets "16"	18.13	16.00	4.22	3.75	9.53	9.00	
Prof-ets "16"	11.75	10.00	2.96	2.50	5.20	7.50	
Poultry Fitting	20.19	20.00	7.31	4.50	3.20	4.00	+
Roaster Finisher APP Medicated	36.88	35.00	4.11	2.00	4.45	8.00	
Sow Mixer	37.00	35.00	5.52	2.00	4.17	8.00	
Sow Mixer	38.13	35.00	4.09	2.00	4.65	6.00	
Sow Mixer	23.13	23.00	6.72	5.00	2.47	3.50	+
Starter-Broiler APP Medicated	25.63	23.00	5.96	5.00	2.80	3.50	+
Starter-Broiler APP Medicated	28.13	28.00	4.08	3.50	4.05	4.50	+
Turkey Starter AP Medicated							
Bean Brothers Hayts Corner, N. Y.							
Dehydrated Alfalfa Meal	*13.13	15.00	2.14	2.00	32.18	30.00	
Dehydrated Alfalfa Meal	14.81	15.00	2.89	2.00	29.61	30.00	
Dehydrated Alfalfa Meal	*12.88	15.00	2.40	2.00	28.14	30.00	
Beaver Meadow By-Products, Inc. DuBois, Pa.							
Dried Buttermilk	33.18	30.00	5.54	5.00	0.15	0.50	
Dried Buttermilk	31.00	30.00	10.38	5.00	0.10	0.50	
Beck's Feed & Grain, Inc. Kutztown, Pa.							
Calf Grower	20.00	20.00	3.49	3.00	5.89	7.00	
Hog Grower	18.44	17.00	4.34	3.00	6.04	9.00	
Bedford Farm Bureau Cooperative Assn. Bedford, Pa.							
Corn & Oats	11.25	10.00	3.50	3.50	6.10	8.00	
Corn & Oats	11.38	10.00	3.73	3.50	5.26	8.00	
Economy Laying Mash	22.81	20.00	3.41	3.00	4.61	8.00	
Economy Laying Mash	22.56	20.00	4.01	3.00	6.06	8.00	
Pig Meal	19.06	17.00	3.80	3.50	4.32	7.50	
Pig Meal	18.13	17.00	4.04	3.50	5.11	7.50	
Sweet Stock Feed	11.29	11.00	2.73	3.00	4.59	7.00	
Sweet Stock Feed	11.71	11.00	2.74	3.00	4.49	7.00	
Bellefonte Feed & Grain Bellefonte, Pa.							
Chick Starter Medicated	22.81	21.00	4.44	3.50	4.21	5.00	+
Corn & Oats Chop	10.31	9.00	4.30	3.00	5.60	7.00	
16% Dairy	17.19	16.00	3.73	2.50	7.41	10.00	
Egg Mash	21.63	20.00	4.13	2.50	4.50	6.50	
Egg Mash	20.00	20.00	4.39	2.50	4.07	6.50	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Bellefonte Feed & Grain Co. - Continued							
Pig Meal	16.25	14.00	3.49	3.00	4.44	5.00	
Pig Meal	14.50	14.00	4.25	3.00	4.50	5.00	
Pullet Developer	15.69	14.50	4.37	3.50	4.77	5.50	
Pullet Grower Medicated	17.81	16.50	4.27	3.50	6.39	6.00	+
Belleville Flour Mills Company Belleville, Pa.							
Corn & Oats Chop	9.06	9.00	3.18	2.50	8.40	12.00	
32% Dairy Concentrate	32.81	32.00	*1.08	2.00	7.40	8.50	
32% Dairy Concentrate	34.69	32.00	2.18	2.00	8.83	8.50	
32% Dairy Concentrate	30.94	32.00	2.59	2.00	7.70	8.50	
16% Dairy Feed	15.31	16.00	2.68	2.00	11.54	11.00	
16% Dairy Feed	16.44	16.00	2.26	2.00	9.70	11.00	
18% Growing Mash	20.63	18.00	3.35	3.50	6.17	7.00	
Hi-Energy All Mash Layer	16.25	16.00	3.49	3.00	3.59	5.00	
Hi-Energy All Mash Layer	17.19	16.00	3.24	3.00	3.45	5.00	
30% Hog Concentrate	29.69	30.00	2.32	1.50	6.56	7.00	
30% Hog Concentrate	31.25	30.00	2.26	1.50	7.71	7.00	
30% Hog Concentrate	30.00	30.00	2.22	1.50	7.16	7.00	
30% Hog Concentrate	30.31	30.00	2.68	1.50	6.36	7.00	
20% Laying Mash	24.69	20.00	3.82	3.00	6.53	7.00	
36% Poultry Concentrate	39.38	36.00	4.52	3.50	7.44	7.50	
36% Poultry Concentrate	36.88	36.00	4.19	3.50	6.99	7.50	
Benfer Feed Mill R. D. 1, Beavertown, Pa.							
Corn & Oats Chop	10.00	10.00	3.60	5.00	4.12	6.00	
32% Dairy Feed	34.25	32.00	1.44	2.00	5.91	8.50	
Laying Mash	21.88	20.00	4.73	3.50	4.40	7.00	
Mixed Grains for Poultry	10.31	10.00	2.95	3.00	2.35	3.00	
#Pig-N-Hog Ration	17.31	16.00	4.75	3.20	4.48	6.00	
C. E. Benfield Company South Perkaspie, Pa.							
Wheat Bran	14.69	11.00	2.91	2.00	7.20	12.00	
Wheat Middlings	15.00	11.00	3.77	2.00	3.72	11.00	
Benton Roller Mills Benton, Pa.							
Dog Meal	28.13	25.00	5.47	4.00	3.11	6.00	
Scratch Grains	11.25	9.00	2.90	2.00	3.93	5.00	
C. R. Berger Trout Run, Pa.							
Fish Food	36.56	35.00	8.10	5.00	4.56	5.00	
Berks Farm Bureau Cooperative Assn. Temple, Pa.							
16% Economy Dairy Feed	17.81	16.00	3.87	2.00	9.15	10.00	
32% Economy Dairy Feed	33.37	32.00	3.24	1.50	11.54	11.00	
32% Economy Dairy Feed	31.01	32.00	2.78	2.00	8.83	10.00	
Flock Feeder Medicated	21.63	20.00	5.07	4.00	4.40	6.00	
38% Hog Supplement	39.69	38.00	6.83	4.00	6.30	7.00	+
24% Premium Dairy Feed	25.94	24.00	5.47	3.00	7.25	9.00	
24% Premium Dairy Feed	27.50	24.00	4.93	3.00	6.98	9.00	
B. A. Bernard & Company, Inc. Camden, N. J.							
Beef Liver for Dogs	11.62	11.00	10.95	6.00	0.22	1.00	
Bert's Feed & Farm Supply Shippensburg, Pa.							
Check-R-Mix 16% Dairy Feed (Q)	17.50	16.00	3.09	3.00	7.91	10.00	
Check-R-Mix Hog Finisher No. 1 (H)	16.25	14.00	2.89	2.50	3.96	6.00	
32% Dairy Concentrate	34.25	32.00	1.75	1.00	*8.76	7.00	
Hog Concentrate	32.19	32.00	4.29	2.50	4.76	5.00	
Best Feeds & Farm Supplies, Inc. Oakdale, Pa.							
Joy Dog Food	28.56	26.00	9.39	7.00	2.84	5.00	
Unifeed Complete Ration	20.00	16.00	4.12	3.00	4.16	5.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Best Foods, Inc. Division of Corn Products Company Buffalo, N. Y.							
Dog Meal	35.19	25.00	9.55	9.00	1.98	4.00	
Dog Meal	30.75	25.00	12.60	9.00	2.50	4.00	
Dog Meal	29.38	25.00	10.97	9.00	2.69	4.00	
Dog Meal	5.00	4.00	1.41	1.00	28.93	30.00	
Oat Mill By-Product	3.75	4.00	0.99	1.00	30.27	30.00	
Oat Mill By-Product	3.63	4.00	1.50	1.00	27.30	30.00	
J. F. Biesecker & Sons Thomasville, Pa.							
Hog Ration	20.31	18.00	3.55	3.50	5.18	7.00	
Wheat Bran	16.56	14.00	4.37	3.00	8.18	8.00	
Wheat Middlings	13.44	14.50	3.43	4.00	4.49	8.00	
Big 4 Feed Company Independence, Iowa							
Mineral Pre-Mix	Calcium 29.30 31.00		Phosphorus 6.98 7.00				
Biglerville Warehouse Company Biglerville, Pa.							
Check-R-Mix Hog Finisher #1	17.31	14.00	3.14	2.50	5.42	6.00	
Big Run Milling Company Big Run, Pa.							
Corn & Oats Chop	11.56	9.00	3.93	3.00	6.65	7.00	
Corn & Oats Chop	10.44	9.00	3.25	3.00	6.22	7.00	
Corn & Oats Molasses Chop	10.31	9.00	3.41	3.00	5.93	7.00	
16% Dairy	16.56	16.00	3.07	3.00	7.01	8.00	
Egg Mash Medicated	23.44	20.00	3.53	3.50	4.94	5.50	+
20% Egg Mash Medicated	19.69	20.00	3.44	3.50	4.33	6.50	+
Growing Mash	20.63	20.00	4.32	3.50	4.77	6.50	
14% Pig Feed Medicated	16.56	14.00	3.63	3.00	3.58	5.00	+
Big Valley Feed & Grain Belleville, Pa.							
32% Dairy Feed	30.94	32.00	2.19	2.00	8.42	10.00	
32% Dairy Feed	31.56	32.00	1.84	2.00	8.75	10.00	
Master Made All Mash Layer	16.56	16.00	4.50	3.00	3.81	6.00	
Master Made All Mash Layer	16.56	16.00	4.44	3.00	4.57	6.00	
Master Made All Mash Pullet Grower Medicated	17.50	16.50	4.49	3.50	4.76	6.00	+
Master Made Egg Mash	21.56	20.00	4.02	2.50	4.08	6.50	
Master Made Egg Mash	19.75	20.00	4.27	2.50	6.57	6.50	
Master Made Hi-Calorie All Mash	18.13	17.00	5.25	4.00	2.65	3.50	
Master Made Hi-Calorie All Mash	17.50	17.00	5.43	4.00	2.78	3.50	
Master Made Hog Feed	15.63	14.00	3.57	3.00	4.35	5.00	
Master Made Hog Feed	14.06	14.00	3.33	3.00	5.79	5.00	
The Birkett Mills Penn Yan, N. Y.							
Buckwheat Feed	*11.25	15.00	*2.44	3.50	14.52	20.00	
Wheat Red Dog	15.63	14.00	4.59	3.50	3.70	4.00	
Blairsville Feed & Supply Blairsville, Pa.							
Scratch Feed	9.69	9.00	2.69	2.00	2.51	5.00	
Blatchford Calf Meal Company Waukegan, Ill.							
Calfadine	20.02	19.00	2.86	3.00	7.68	9.50	
Calf Pab	27.43	25.00	4.21	3.50	1.62	2.00	
Blend & McGinnis Atglen, Pa.							
Calf Grower	17.06	15.00	3.19	3.50	6.56	8.00	
Hi-Calorie All Mash Layer	18.06	17.00	4.24	4.00	2.97	3.50	
Hi-Calorie Egg Mash	22.31	17.00	5.11	4.00	2.33	3.50	
Pig & Hog Feed	16.88	15.00	3.49	2.00	5.53	7.00	
Blinn Milling Company Butler, Pa.							
Dog & Puppy Food	24.69	20.00	4.83	4.00	2.55	6.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Bloomsburg Cooperative G.L.F. Service, Inc. Bloomsburg, Pa.							
#Growing Mash Medicated Hogger	21.88 40.94	20.00 40.00	4.22 4.67	2.50 3.50	5.22 6.55	7.00 7.50	+
Boardman's Mill R. D. 1, Pittsfield, Pa.							
All Mash Layer Dairy Feed	19.06 19.69	18.00 20.00	4.39 4.11	4.00 3.00	4.29 5.97	6.50 9.00	
W. H. Bohner Pillow, Pa.							
Growing Starting Mash	19.69	16.00	3.99	4.00	5.18	8.00	
Laying Mash	17.50	16.00	4.66	4.00	4.72	8.00	
Pig Meal	18.25	16.00	4.78	2.50	5.11	9.00	
Wheat Middlings	13.13	12.00	2.89	2.00	4.01	9.00	
The Borden Company Feed Supplement Division New York, N. Y.							
C.M.R. Hi-Fat Calf Milk Replacer Omni-Mix B	28.45 47.94	24.00 42.00	10.49 7.68	10.00 5.00	1.34 2.75	1.50 4.50	
Bowersox Mill Penns Creek, Pa.							
Pig & Hog Meal	16.56	15.00	3.54	3.00	5.35	7.00	
B & R Mills, Inc. Perrysburg, Ohio							
#Dehydrated 17% Alfalfa	18.75	17.00	2.39	1.75	23.84	27.00	
Brandt Mills, Inc. Mifflinville, Pa.							
Master Made Pig Starter Medicated	17.81	16.00	3.82	3.00	5.67	5.50	+
Soft Winter Wheat Bran	15.00	14.00	3.53	3.00	8.42	12.00	
Soft Winter Wheat Middlings	16.25	14.75	4.16	3.75	4.55	6.00	
Gurney D. Brandt & Sons Lebanon, Pa.							
Wayne-Mix (156) Hog Meal Medicated	15.63	15.00	3.29	3.00	4.54	6.00	1
Wayne Mix Laying Mash Medicated	22.19	20.00	3.79	3.50	5.99	6.50	+
Wayne Mix Starter & Grower Medicated	20.00	18.00	3.59	3.50	3.98	6.50	+
Carroll Braun Elkridge, Md.							
Meat & Bone Scrap	54.69	50.00	15.85	10.00	1.91	4.00	
Bremco Alfalfa Mills, Inc. New Bremen, Ohio							
Alfalfa Meal	16.06	17.00	1.78	1.50	26.25	27.00	
Alfalfa Meal	12.44	13.00	1.77	1.50	32.58	33.00	
E. L. Brenner & Son East Berlin, Pa.							
16% Pig & Sow Meal	17.19	16.00	2.43	2.00	4.02	7.00	
Bristol Garden Products Company Philadelphia, Pa.							
#Wild Bird Food	12.50	12.00	5.54	8.00	5.88	10.00	
Brown Molasses Company, Inc. North Webster, Ind.							
Handy-Las	7.19	6.00	*0.20	0.50	15.35	15.00	
Brown & Fassett Tunkhannock, Pa.							
Favorite Dry Mash Medicated	20.94	20.00	4.23	4.00	6.22	9.00	+
Favorite Dry Mash Medicated	20.63	20.00	3.89	4.00	7.20	9.00	+



## MANUFACTURER AND BRAND

PROTEIN		FAT		FIBER		NOTES
F	G	F	G	F	G	

## Brown &amp; Fassett - Continued

Fitting Ration	13.75	12.00	4.60	3.50	10.20	10.00	
Fitting Ration	13.13	12.00	3.60	3.50	9.48	10.00	
Hog Ration	*13.25	17.00	3.85	4.00	5.92	9.00	
Hog Ration	17.50	17.00	4.53	4.00	8.68	9.00	
Hog Ration	17.50	17.00	4.50	4.00	6.94	9.00	
Seventeen Dairy Feed	17.50	17.00	3.75	4.00	9.41	10.00	
Seventeen Dairy Feed	20.63	17.00	3.57	4.00	9.87	10.00	
Seventeen Dairy Feed	17.56	17.00	3.60	4.00	10.90	10.00	
Starter-Growing Mash Medicated	23.13	20.00	4.21	4.00	6.58	9.00	+
Starter-Growing Mash Medicated	21.56	20.00	4.79	4.00	5.51	9.00	+
Twenty Special Dairy Feed	22.13	20.00	3.81	4.00	9.36	10.00	
Twenty Special Dairy Feed	19.38	20.00	3.08	4.00	9.25	10.00	
Twenty Special Dairy Feed	20.73	20.00	*2.62	4.00	9.01	10.00	

Brown & Rea  
Atglen, Pa.

## 32% Dairy Feed

30.63	32.00	2.27	2.00	9.00	11.00
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F. M. Brown's Sons, Inc.  
Birdsboro, Pa.

16% Dairy (Correctional Industries Formula)  
Egg Charger Medicated  
Hog Grower-Finisher 3N Pellets Medicated  
Medicated Bio-Guard  
Milking Ration

17.81	16.00	3.50	3.10	6.15	7.10	
17.50	17.00	4.15	4.00	3.20	4.00	+
14.38	14.00	3.71	3.00	3.95	7.00	+
21.75	22.00	6.10	4.00	3.33	4.50	
20.00	16.00	3.52	3.10	6.75	7.10	

Bryn Mawr Feed & Seed Company  
Bryn Mawr, Pa.

## Wild Bird Food

11.69	10.00	5.46	3.50	5.38	9.00
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The Buckeye Cotton Oil Division  
The Buckeye Cellulose Corporation  
Cincinnati, Ohio

36% Protein Cottonseed Meal, Solvent Extracted  
w/ added Hydrolyzed Cottonseed Oil  
36% Protein Cottonseed Meal, Solvent Extracted  
w/ added Hydrolyzed Cottonseed Oil  
41% Protein Cottonseed Meal, Solvent Extracted

38.13	36.00	1.44	2.00	15.53	17.00
38.75	36.00	1.32	2.00	18.30	17.00
*39.69	41.00	*1.12	2.00	14.72	14.00

Buckeye Feed Mills, Inc.  
Dalton, Ohio

All Mash Layer	17.81	16.00	4.16	3.00	4.15	5.00	
All Mash Layer	16.88	16.00	4.55	3.00	*5.32	4.00	
All Mash Layer	17.50	16.00	3.44	3.00	4.37	4.00	
All Mash Layer	17.50	16.00	4.03	3.00	4.00	4.00	
Brewers Dried Grains	27.63	26.00	6.15	5.00	14.29	18.00	
Corn & Oats Chop	11.25	10.00	6.09	3.00	5.51	9.00	
16% Dairy Feed	16.56	16.00	4.33	2.50	8.17	12.00	
16% Dairy Feed	18.13	16.00	4.19	2.50	9.26	12.00	
16% Dairy Feed	18.75	16.00	3.81	2.50	9.60	12.00	
42% Dairy Mixing Concentrate	43.13	42.00	1.98	1.50	7.15	8.00	
42% Dairy Mixing Concentrate	48.13	42.00	2.18	1.50	7.05	8.00	
34% Mash Concentrate	35.94	34.00	4.02	3.00	7.81	8.00	
Pigeon Feed	12.81	9.00	2.31	2.00	2.80	5.00	
16% Prosperity Dairy Feed	18.13	16.00	3.70	2.00	7.39	12.00	
16% Prosperity Dairy Feed	18.69	16.00	3.62	2.50	7.00	12.00	
16% Prosperity Dairy Feed	19.38	16.00	3.96	2.50	9.96	12.00	
14% Prosperity Hog Meal	15.19	14.00	4.54	3.00	4.23	7.00	
14% Prosperity Hog Meal	16.56	14.00	5.77	3.00	5.22	7.00	
14% Prosperity Hog Meal	17.13	14.00	4.88	3.00	5.29	7.00	
14% Prosperity Hog Meal	16.88	14.00	4.54	3.00	5.67	7.00	
Scratch Feed	9.38	9.00	2.68	2.00	2.47	5.00	
Scratch Grains	9.31	9.00	2.49	2.00	2.10	5.00	
Scratch Grains	10.31	9.00	2.25	2.00	2.67	5.00	
30% Special Poultry Supplement	31.56	30.00	8.06	3.00	8.54	8.00	
Wheat Middlings w/Ground Grain Screenings	15.38	14.00	3.94	3.50	8.80	9.50	
N.E.M.R.	10.63	9.00	4.83	3.00	5.02	6.00	
Wild Bird Feed							

S. S. Buckwalter, Inc.  
Spring City, Pa.

Calf Starter	17.51	16.00	3.13	3.00	5.74	6.50	
Egg Mash	21.69	20.00	4.84	2.50	4.86	6.50	
Egg Mash	20.31	20.00	3.49	2.50	3.49	6.50	
Hi-Calorie All Mash Layer	15.94	17.00	4.47	4.00	2.89	3.50	
Horse Feed	11.07	10.00	3.55	3.00	5.76	10.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Buddy's Dog & Puppy Food Geneva, Pa.							
Dog & Puppy Food	27.50	24.00	6.14	6.00	2.56	3.00	
Leonard T. Burleson Port Allegheny, Pa.							
Corn & Oats	10.94	10.00	4.33	3.00	6.07	7.00	
Corn & Oats	10.13	10.00	4.06	3.00	5.73	7.00	
Scratch	10.00	10.00	3.58	3.00	2.34	5.00	
W. Atlee Burpee Company Philadelphia, Pa.							
Wild Bird Food	12.31	12.00	*5.96	8.00	8.74	10.00	
By-Dry Feed Products Sacramento, Calif.							
#Dried Tomato Pulp	19.06	18.00	10.90	4.00	35.53	33.00	
By-Products, Inc. Wilmington, Del.							
Hydrolyzed Poultry Feathers	89.81	85.00	3.07	1.00	0.72	3.00	
Caf-Melk Company Thomasville, Pa.							
Milk Replacer	30.62	27.00	1.98	2.00	0.58	1.50	
Calvert Milling Company Hoytville, Ohio							
No. 2 Medium Ground Alfalfa Meal	14.56	13.00	1.54	1.50	33.01	33.00	
Camden Grain Company Camden, N. J.							
Brewers Dried Grains	24.06	24.00	6.70	4.00	15.95	17.00	
Brewers Dried Grains	27.19	24.00	4.10	4.00	16.25	17.00	
Camp Milling Company, Inc. Walton, N. Y.							
#Calf & Heifer Grower	19.20	19.00	3.59	3.00	5.39	8.50	
#16% Dairy	17.81	16.00	3.16	3.00	9.65	9.50	
Harry T. Campbell Sons Corporation Towson, Md.							
#Ground Limestone Flour	Calcium 34.76	35.24	Magnesium 0.91	0.87			
Ground Limestone Flour	Calcium 32.92	35.24	Magnesium 1.40	0.87			
Campbell's Mill Lewisburg, Pa.							
Check-R-Mix Hog Finisher (O)	15.94	12.00	3.75	2.50	4.82	6.00	
Check-R-Mix Hog Finisher #2	14.38	12.00	3.53	2.50	4.68	6.00	
Check-R-Mix 20% Laying Mash T	21.88	20.00	4.24	3.00	5.04	7.50	
Canonsburg Milling Company Canonsburg, Pa.							
All Mash Egg Mash	16.50	16.00	3.41	3.00	3.86	6.00	
20% Dairy Feed	23.35	20.00	1.87	1.50	8.48	11.00	
Dairy Ration	18.00	16.00	3.51	3.10	4.72	7.10	
Dairy Ration	18.44	16.00	3.54	3.10	5.84	7.10	
Master Made Egg Mash	20.31	20.00	3.75	2.50	7.23	6.50	
Master Made Hog Feed	*12.94	14.00	3.00	3.00	3.07	4.50	
Master Made Hog Feed	*12.56	14.00	3.96	3.00	4.76	4.50	
Special Horse Feed	12.50	10.00	3.62	3.00	5.45	8.00	
Stamm 20% Supplement for Horses	21.56	20.00	2.61	2.50	9.48	9.00	
Canton Cooperative G.L.F. Service, Inc. Canton, Pa.							
16% Dairy	14.41	16.00	3.48	3.50	8.75	10.00	
Fitting Ration	15.29	14.00	3.80	3.50	8.13	10.00	
Capland Grain Company, Inc. Baltimore 22, Md.							
Brewers Dried Grain	*20.94	24.00	4.55	4.00	16.53	17.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Capland Grain Company, Inc. - Continued							
Brewers Dried Grain	*21.63	24.00	4.56	4.00	14.88	17.00	
Brewers Dried Grain	*17.81	24.00	4.02	4.00	19.59	17.00	
Brewers Dried Grain	22.81	24.00	4.49	4.00	14.79	17.00	
Brewers Dried Grain	*21.13	24.00	3.66	4.00	14.80	17.00	
Brewers Dried Grain	*22.88	24.00	3.50	4.00	16.34	17.00	
Brewers Dried Grain	23.63	24.00	4.05	4.00	18.63	17.00	
Brewers Dried Grain	*24.63	26.00	5.58	4.00	15.60	17.00	
Brewers Dried Grain	24.81	24.00	3.78	4.00	16.43	17.00	
Brewers Dried Grain	25.06	24.00	4.06	4.00	16.12	17.00	
Brewers Dried Grain	22.81	26.00	3.70	4.00	17.11	17.00	
Cargill, Inc. Minneapolis, Minn.							
Ground Oats	15.63	--	4.07	--	7.03	--	
32% Protein Linseed Meal, Solvent Extracted	33.44	32.00	1.54	0.50	9.84	11.00	
44% Protein Soybean Meal, Solvent Extracted	47.19	44.00	1.70	0.50	5.75	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.63	44.00	0.92	0.50	6.69	7.00	
Carling Brewing Company Cleveland, Ohio							
Brewers Dried Grains	28.75	26.00	6.40	5.00	11.25	15.00	
Carm Grain Company, Inc. Juneau, Wis.							
#Oat Mill By-Product	3.13	2.50	0.75	0.50	31.36	35.00	
Catawissa Milling Company Catawissa, Pa.							
Chick Starter Medicated	20.94	20.00	3.88	3.00	5.52	7.00	+
Growing Mash Medicated	20.38	18.00	3.63	3.00	8.65	8.00	+
Laying Mash	21.88	20.00	4.25	3.00	6.34	8.00	
Central Chemical Corporation Gettysburg, Pa.							
Hog Popper Medicated	16.75	14.00	3.30	3.00	5.96	5.00	+
Central Grain Company, Ltd. St. Boniface, Manitoba, Canada							
#Ground Flax Screenings	*13.88	15.00	*5.89	10.00	14.42	15.00	
Ground White Oats	*8.64	10.00	2.69	3.00	16.40	15.00(+10)	
Ground White Oats	*9.25	10.00	2.63	3.00	*19.13	15.00(+10)	
Ground White Oats	5.50	10.00	2.27	3.00	26.45	15.00(+10)	
Pulverized White Mixed Oats	7.06	--	2.75	--	22.50	--	
Central Soya McMillen Feed Division Fort Wayne, Ind.							
All Mash Layer	18.13	17.00	3.67	4.00	2.12	4.00	
All Mash Pullet Grower 135-04E Medicated	17.19	16.50	3.66	3.50	6.23	6.00	+
Big M Dairy Feed	18.94	16.00	4.23	3.00	11.45	12.00	
Blended Fifty	*44.75	50.00	1.30	1.00	4.83	6.00	
Blended Fifty	50.00	50.00	1.42	1.00	4.63	6.00	
Blended Fifty	52.42	50.00	1.01	1.00	6.33	6.00	
#Broiler Finisher Concentrate 375-18B Medicated	43.13	41.00	10.08	10.00	5.45	5.00	+
#Bulky 28	29.69	28.00	1.96	1.00	13.59	15.00	
Bulky 28	34.76	28.00	1.08	1.00	16.10	15.00	
Calf Mixer	28.13	26.00	3.29	3.00	6.91	6.50	
Calf Mixer	28.44	26.00	3.17	3.00	6.01	6.50	
Calf Mixer	26.88	26.00	2.94	3.00	6.95	6.50	
Calf Mixer	28.13	26.00	3.34	3.00	5.24	6.50	
Calf Mixer	29.06	26.00	3.61	3.00	6.60	6.50	
Calf-Starter	18.73	18.00	2.70	3.00	4.11	7.00	
Cattle Blend Concentrate	34.38	32.00	2.47	1.50	13.15	13.00	
Cattle Blend Concentrate	29.33	32.00	1.78	1.50	12.47	13.00	
#Cattle Blend Concentrate	34.38	32.00	4.33	1.50	13.37	15.00	
Chick Starter 103-04A Medicated	21.75	21.00	3.52	3.50	4.60	5.00	+
#Chick Starter 103-04A Medicated	22.19	21.00	4.14	3.50	4.46	5.00	+
Chick Starter 103-04A Medicated	22.19	21.00	4.36	3.50	4.65	5.00	+
Complete Rabbit Pellets 961-84E Medicated	18.44	15.00	3.48	2.00	10.14	16.00	+
Complete Turkey Finisher	15.00	15.00	3.65	3.50	3.24	4.50	
Dairy Blender	25.94	24.00	3.08	1.00	9.01	12.00	
38% Dairy Concentrate	38.13	38.00	2.54	0.50	8.35	9.00	
38% Dairy Concentrate	40.31	38.00	2.43	0.50	8.14	9.00	
38% Dairy Concentrate	38.63	38.00	1.87	0.50	8.47	9.00	
38% Dairy Concentrate	38.00	38.00	1.66	0.50	8.63	9.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Central Soya, McMillen Feed Div. - Continued							
38% Dairy Concentrate	38.81	38.00	2.05	0.50	7.87	9.00	
38% Dairy Concentrate	38.11	38.00	2.78	0.50	8.72	9.00	
38% Dairy Concentrate	38.75	38.00	3.10	0.50	9.14	9.00	
38% Dairy Concentrate	40.75	38.00	2.70	0.50	8.56	9.00	
38% Dairy Concentrate	39.69	38.00	2.94	0.50	8.22	9.00	
38% Dairy Concentrate	38.13	38.00	3.28	0.50	8.36	9.00	
Dairy Developer Concentrate	25.63	24.00	1.11	1.00	12.45	12.00	
0.0023% Dienestrol Diacetate in Liponette-Finisher 342-71D Medicated	15.63	15.00	6.08	4.50	2.77	4.00	+
#0.0011% Diethylstilbestrol Mix in Gro-Getter Concentrate 767L-45A	41.25	40.00	2.50	1.00	9.34	10.00	+
Dog Food	24.69	24.00	8.80	7.00	3.42	4.50	
Dog Food	24.94	24.00	9.55	7.00	3.43	4.50	
Dog Food	25.31	24.00	11.07	7.00	3.34	4.50	
Dog Food	26.25	24.00	8.46	7.00	3.49	4.50	
Dog Food	23.13	24.00	9.02	7.00	3.91	4.50	
Eastern Big "M" Dairy Feed	18.44	16.00	3.30	3.50	10.97	12.00	
Egg Concentrate	45.63	42.00	7.49	6.00	3.67	4.00	
Egg Concentrate	44.69	42.00	5.65	6.00	3.72	4.00	
Egg Concentrate	44.69	42.00	6.03	6.00	3.23	4.00	
Egg Concentrate	42.50	42.00	6.81	6.00	3.69	4.00	
Egg Concentrate	42.50	42.00	6.96	6.00	3.80	4.00	
Egg Concentrate	41.56	42.00	8.98	6.00	3.81	5.00	
Egg Concentrate	41.88	42.00	7.47	6.00	4.40	5.00	
Egg Mash	20.94	20.00	3.18	2.50	4.60	7.00	
Egg Mash	22.69	20.00	3.19	2.50	5.35	7.00	
Egg Mash	23.25	20.00	3.44	2.50	5.61	7.00	
Egg Mash	20.63	20.00	3.32	2.50	5.66	7.00	
Egglac Pellets	21.25	20.00	3.29	3.50	5.08	5.00	
Egglac Pellets	21.88	20.00	4.30	3.50	4.81	5.00	
Flaked Soybean Hulls	10.00	9.00	1.50	0.50	35.75	38.00	
Hi-Bloom Concentrate	32.25	32.00	1.29	1.00	9.54	9.50	
35% Hog Concentrate	35.63	35.00	3.49	1.50	9.56	9.00	
35% Hog Concentrate	36.25	35.00	2.04	1.50	6.52	9.00	
35% Hog Concentrate	37.00	35.00	3.35	1.50	9.39	9.00	
35% Hog Concentrate	34.06	35.00	3.43	1.50	9.57	9.00	
35% Hog Concentrate	37.19	35.00	4.16	1.50	8.55	9.00	
35% Hog Concentrate	35.94	35.00	4.00	1.50	9.70	9.00	
Hog Finisher Concentrate	41.56	40.00	3.49	1.50	3.81	6.00	
Hog Finisher Concentrate	39.38	40.00	3.23	1.50	5.68	6.00	
Hog Finisher Concentrate	42.19	40.00	3.78	1.50	5.79	6.00	
Hog Finisher Concentrate	41.88	40.00	4.36	1.50	5.19	6.00	
Hog Finisher Concentrate	40.63	40.00	1.34	1.50	4.41	6.00	
Hog Finisher Concentrate	41.25	40.00	3.44	1.50	4.54	6.00	
HQ Master Blend Concentrate	39.38	38.00	1.09	0.50	3.55	5.00	
HQ Master Blend Concentrate	36.88	38.00	1.93	0.50	5.00	5.00	
HQ Master Blend Concentrate	41.25	38.00	1.73	0.50	3.59	5.00	
HQ Master Blend Concentrate	38.75	38.00	1.41	0.50	3.75	5.00	
HQ Master Blend Concentrate	38.13	38.00	1.66	0.50	4.21	5.00	
Layer Concentrate	35.31	34.00	4.06	2.50	4.32	8.00	
Layer Concentrate	34.69	34.00	3.82	2.50	5.54	8.00	
Layer Concentrate	35.31	34.00	4.71	2.50	4.88	8.00	
Layer Concentrate	37.19	34.00	5.27	2.50	4.49	8.00	
Layer Concentrate	35.31	34.00	4.93	2.50	5.72	8.00	
Layer Concentrate	34.00	34.00	3.49	2.50	4.05	8.00	
Layer Concentrate	34.88	34.00	4.44	2.50	5.06	8.00	
Layer Concentrate	35.00	34.00	3.33	2.50	7.99	8.00	
Layer Concentrate	35.00	34.00	4.19	2.50	6.26	8.00	
Pig-ets 809-99A Medicated	18.13	17.00	4.86	3.50	3.10	3.50	+
Pig-ets 809-99A Medicated	18.13	17.00	5.31	3.50	3.31	3.50	+
Pig-ets 809-99A Medicated	17.13	17.00	4.66	3.50	2.67	3.50	+
Pig-ets 809-99A Medicated	17.50	17.00	4.67	3.50	2.55	3.50	+
Pig-ets 809-99A Medicated	17.56	17.00	4.65	3.50	3.42	3.50	+
Pig Grower Concentrate 859-01B Medicated	43.44	42.00	3.48	1.50	4.14	5.00	+
Pig Grower Concentrate 859-01B Medicated	41.75	42.00	2.22	1.50	4.95	5.00	+
Pig Grower Concentrate 859-52B Medicated	42.06	42.00	1.74	1.50	4.75	5.00	+
Pullet Concentrate	37.19	36.00	4.86	2.50	8.39	8.00	
Pullet Concentrate	38.13	36.00	3.46	2.50	4.55	8.00	
Pullet Concentrate 163-04H Medicated	37.19	36.00	3.52	2.50	7.90	8.00	15
Pullet Concentrate 163-04H Medicated	35.63	36.00	4.74	2.50	7.13	8.00	+
#Pullet Concentrate 163-04H Medicated	36.25	36.00	3.38	2.50	7.99	8.00	+
#Pullet Concentrate 163-04H Medicated	36.88	36.00	4.80	2.50	8.28	8.00	+
Pullet Grower	20.00	18.00	3.29	3.50	6.79	5.50	
Ruma-Bulk	9.43	8.50	1.02	1.00	18.64	22.00	
Ruma-Bulk	10.83	8.50	1.33	1.00	18.21	22.00	
Sow Concentrate	35.69	34.00	3.54	1.50	7.56	9.00	
Sow Concentrate	36.25	34.00	3.62	1.50	7.81	9.00	
Sow Concentrate	33.75	34.00	1.70	1.50	7.32	9.00	
Sow & Pig Concentrate	38.13	36.00	3.40	1.50	7.04	9.00	
32% Steer Mixer	32.19	32.00	1.68	1.50	14.76	15.00	
Sweet Bulk 'N Flakes	10.93	10.00	1.02	1.00	20.82	20.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Central Soya, McMillen Feed Div. - Continued							
Sweet Bulk 'N Flakes	12.88	10.00	1.84	1.00	18.57	20.00	
Sweet Bulk 'N Flakes	10.91	10.00	1.53	1.00	21.30	20.00	
Sweet 16% Dairy	17.07	16.00	2.26	2.50	13.38	15.00	
Turkey Grower	21.56	20.00	3.51	3.50	5.37	5.50	
Turkey Grower Concentrate	41.56	40.00	4.57	3.00	4.12	7.00	
Turkey Grower Concentrate	41.56	40.00	6.10	3.00	6.34	7.00	
Turkey Grower Concentrate	40.94	40.00	4.22	3.00	6.46	7.00	
Central Soya Processing Division Fort Wayne, Ind.							
44% Soybean Meal, Solvent Extracted	45.94	44.00	0.62	0.50	6.83	7.00	
44% Soybean Meal, Solvent Extracted	44.38	44.00	1.11	0.50	8.11	7.00	
44% Soybean Meal, Solvent Extracted	47.19	44.00	0.91	0.50	6.79	7.00	
44% Soybean Meal, Solvent Extracted	46.25	44.00	0.95	0.50	5.91	7.00	
44% Soybean Meal, Solvent Extracted	45.00	44.00	0.71	0.50	*9.37	7.00	
44% Soybean Meal, Solvent Extracted	45.94	44.00	0.96	0.50	7.38	7.00	
44% Soybean Meal, Solvent Extracted	46.56	44.00	0.91	0.50	7.59	7.00	
Thrifty Fifty 50% Dehulled Soybean Meal, Solvent Extracted	49.38	50.00	0.71	0.50	*5.36	3.00	
Thrifty Fifty 50% Dehulled Soybean Meal, Solvent Extracted	49.81	50.00	0.79	0.50	3.16	3.00	
Thrifty Fifty 50% Dehulled Soybean Meal, Solvent Extracted	49.75	50.00	0.84	0.50	3.19	3.00	
Thrifty Fifty 50% Dehulled Soybean Meal, Solvent Extracted	50.94	50.00	1.39	0.50	3.05	3.00	
Centre Hall Mills Centre Hall, Pa.							
Check-R-Mix 20% Laying Mash	21.00	20.00	4.00	3.00	6.55	9.00	
Cow Chop	11.56	8.00	3.41	2.50	*5.79	4.00	
Cow Chop	12.50	8.00	3.70	2.50	*5.59	4.00	
Hog Chop	10.63	9.00	3.29	3.00	3.84	5.00	
Hog Chop	10.69	9.00	3.25	3.00	4.84	5.00	
Scratch Feed	10.44	9.00	2.91	3.00	2.81	4.00	
Chambers & Smith R. D., West Grove, Pa.							
Hog Feed	22.88	15.00	3.60	3.00	6.01	7.50	
Laying Mash	21.88	20.00	3.45	3.00	2.72	7.50	
Chatham Run Mill R. D. 1, Lock Haven, Pa.							
All Mash Layer	18.13	17.00	3.40	3.00	5.56	6.00	
16% Dairy Feed	18.56	16.00	2.43	2.00	9.35	12.00	
Horse & Stock Feed	11.56	10.00	2.80	2.50	7.16	15.00	
Mixed Chop	10.19	9.00	3.47	3.00	4.94	7.00	
Mixed Grains	11.25	9.00	2.53	2.50	3.35	6.00	
Mixed Grains	10.31	9.00	2.80	2.50	2.27	6.00	
Pig & Hog Meal	16.00	15.00	3.15	3.00	5.39	7.00	
Chesapeake Feed Company, Inc. Beltsville, Md.							
Wild Bird Feed	10.31	11.00	3.89	4.00	3.45	6.50	
Wild Bird Feed	11.56	11.00	3.18	4.00	3.82	6.50	
Carrol E. Chinault Mechanicsburg, Pa.							
All Mash Layer	18.38	16.00	3.99	3.00	4.07	5.00	
Dog Food	24.50	25.00	5.07	5.00	4.59	4.00	
Chinault Grain & Feed Company R. D. 2, Seven Valleys, Pa.							
Dairy Supplement	35.00	32.00	2.24	1.50	6.82	9.00	
H. C. Christians Company Chicago, Ill.							
#Roller Process Non Fat Dry Milk	35.40	32.00	0.71	--	0.28	--	
Citrus Feed Company Lakeland, Fla.							
Dried Citrus Pulp	7.19	6.00	4.82	3.00	11.63	11.50	
Dried Citrus Pulp	6.88	6.00	3.62	2.00	11.66	12.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Citrus Feed Company - Continued							
Dried Citrus Pulp	6.25	6.00	3.29	3.00	10.68	11.50	
Dried Citrus Pulp	6.88	5.50	3.09	2.00	11.89	12.00	
Citrus Products Sales Minute Maid Company Orlando, Fla.							
Citrus Pulp	6.63	6.00	2.48	2.70	11.12	15.00	
Clarion Farm Bureau Clarion, Pa.							
Chop Feed	11.38	10.00	3.72	3.50	6.77	6.50	
Chop Feed	11.25	10.00	3.60	3.50	4.85	6.50	
20% Laying Mash	21.56	20.00	3.57	3.00	3.68	6.50	
20% Laying Mash	21.06	20.00	3.80	3.00	4.10	6.50	
20% Laying Mash	20.31	20.00	3.97	3.00	4.45	6.50	
Pig Feed	20.94	17.00	3.50	3.00	5.68	7.00	
Pig Feed	19.06	17.00	3.36	3.00	5.08	7.00	
Clarks Feed Mills Shamokin & Turbotville, Pa.							
32% Cattle Concentrate	33.75	32.00	3.07	2.00	9.23	10.00	
Corn & Oats Chop	11.69	10.00	3.67	3.00	4.92	9.00	
Corn & Oats Chop	11.50	10.00	3.43	3.00	5.85	9.00	
16% Dairy Feed	19.88	16.00	3.45	2.50	6.82	12.00	
32% Mixing Ration	35.94	32.00	1.75	1.50	7.60	10.00	
Clinton Corn Processing Company Clinton, Iowa							
Concentrate No. 1	27.81	25.00	2.20	2.00	8.40	8.00	
Dex-Mo-Lass	10.44	10.00	1.06	--	5.10	6.00	
Dex-Mo-Lass	11.25	10.00	0.58	0.20	5.14	6.00	
41% Protein Corn Gluten Meal	43.75	41.00	1.21	1.00	3.81	6.00	
Clintondale Mills R. D. 1, Mill Hall, Pa.							
Laying Mash	18.13	18.00	3.76	3.50	4.48	7.00	
Laying Mash	20.94	18.00	3.74	3.50	4.23	7.00	
Wheat Bran	15.63	13.00	3.40	3.00	7.54	9.00	
Wheat Bran	15.63	13.00	3.40	3.00	7.03	9.00	
Wheat Middlings	12.81	12.50	2.07	2.50	1.26	6.00	
Wheat Middlings	13.75	12.50	3.33	2.50	2.57	6.00	
John S. Clymer R. D. 3, Quakertown, Pa.							
Check-R-Mix Laying Mash LN	20.94	20.00	4.16	3.50	7.16	8.00	
Coast Fisheries Division The Quaker Oats Company Chicago, Ill.							
Puss 'N Boots Cat Food	11.39	12.00	2.11	2.00	0.60	1.50	
Cocke & Company Atlanta 3, Ga.							
41% Cottonseed Meal, Prime Quality	41.56	41.00	6.05	2.00	12.35	14.00	
Codorus & Manheim Farmers Association Glenville, Pa.							
Hog Feed Medicated	16.88	16.00	3.49	3.00	5.15	6.00	+
Laying Mash	20.63	20.00	3.91	3.50	3.60	4.00	
A. Coebler, Jr. Whitehouse Station, N. J.							
Country Squire Wild Bird Seed	11.56	11.00	5.61	3.00	7.49	7.00	
Country Squire Wild Bird Seed	11.00	11.00	5.24	3.00	6.75	7.00	
Colchester Processing Company East St. Louis, Ill.							
Nutrionic P.P.I. D-4	20.31	19.00	2.71	0.50	4.65	4.00	
Columbus Milling Company Columbus, Pa.							
Chick Grower	20.00	18.00	4.30	4.00	5.02	5.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Columbus Milling Company - Continued							
16% Dairy Ration	19.69	16.00	3.95	3.00	6.68	9.00	
18% Dairy Ration	22.19	18.00	4.30	3.00	7.57	9.00	
18% Dairy Ration	19.50	18.00	4.31	3.00	7.19	9.00	
20% Dairy Ration	23.63	20.00	4.04	3.00	7.69	9.00	
20% Dairy Ration	21.56	20.00	4.07	3.00	7.64	9.00	
Egg Mash	22.19	20.00	3.79	3.50	5.50	6.00	
Egg Mash	21.75	20.00	3.87	3.50	5.71	6.00	
Fitting Ration	16.25	12.00	4.23	3.50	7.01	9.00	
Fitting Ration	16.56	12.00	4.34	3.50	7.42	9.00	
Pork Maker	16.56	15.00	3.81	3.00	4.86	6.00	
Pork Maker	17.19	15.00	4.56	3.00	5.54	6.00	
Commercial Solvents Corporation New York, N. Y.							
Soluferm Basic	28.25	26.00	5.75	7.00	7.61	12.00	
Conewago Roller Mills York Haven, Pa.							
20% Egg Mash	21.56	20.00	4.63	3.00	5.27	6.00	
20% Egg Mash	22.31	20.00	4.01	3.00	5.36	6.00	
18% Pig Meal	19.38	18.00	4.85	4.00	4.75	7.00	
Consolidated Mills, Inc. Blissfield, Mich.							
17% Dehydrated Alfalfa Meal	17.50	17.00	3.17	1.50	26.31	27.00	
17% Dehydrated Alfalfa Meal	17.50	17.00	3.09	1.50	27.64	27.00	
17% Dehydrated Alfalfa Meal	15.94	17.00	2.77	1.50	28.05	27.00	
13% Suncured Alfalfa Meal	14.38	13.00	1.78	1.50	32.75	33.00	
Consolidated Rendering Company Boston, Mass.							
47% Meat & Bone Scrap	45.94	47.00	8.86	6.00	2.74	2.00	
47% Meat & Bone Scrap	46.25	47.00	8.51	6.00	2.20	2.00	
50% Meat & Bone Scrap	*45.63	50.00	9.65	6.00	1.96	2.00	
50% Meat & Bone Scrap	49.31	50.00	10.94	6.00	2.62	2.00	
50% Meat & Bone Scrap	48.13	50.00	8.85	6.00	2.27	2.00	
Continental Distilling Corporation Philadelphia, Pa.							
25% Corn Distillers Dried Grains	26.88	25.00	9.73	8.00	9.79	15.00	
25% Corn Distillers Dried Grains	28.13	25.00	10.43	8.00	9.96	15.00	
Cooperative Feed Dealers, Inc. Binghamton, N. Y.							
Calf Grower	19.06	16.00	3.56	3.50	6.85	8.00	
Cooperative G.L.F. Exchange, Inc. Ithaca, N. Y.							
All Mash Lay	18.75	16.00	4.62	4.00	2.91	4.50	
All Mash Lay Medicated	18.13	16.00	4.10	4.00	3.47	4.50	
All Mash Lay Medicated	16.88	16.00	3.62	4.00	3.49	4.50	
Big Red Pellets Rabbit Food	16.69	17.00	4.98	3.50	9.36	12.00	
Big Red Pellets Rabbit Food	16.56	17.00	4.44	3.50	9.27	12.00	
#Big Red Pellets Rabbit Food	15.94	17.00	4.19	3.50	10.78	12.00	
Brewers Dried Grains	29.25	24.00	6.31	6.00	11.98	17.00	
Brewers Dried Grains	24.38	24.00	6.10	6.00	14.40	17.00	
Brewers Dried Grains	25.94	24.00	6.07	6.00	13.96	17.00	
Bulky Roughage Extender	12.50	12.00	3.41	3.00	11.28	13.00	
Bulky Roughage Extender	12.19	12.00	3.58	3.00	12.08	13.00	
Bulky Roughage Extender	11.81	12.00	3.60	3.00	11.70	13.00	
Bulky Roughage Extender	12.00	12.00	3.23	3.00	11.57	13.00	
Bulky Roughage Extender	13.37	12.00	3.05	3.00	10.48	13.00	
Cage Crumbles All Mash	17.00	16.00	3.82	3.50	4.14	4.00	
Cage Crumbles All Mash	17.00	16.00	4.34	3.50	3.48	4.00	
Calf Starter	21.54	20.00	4.25	3.00	7.25	8.50	
Calf Starter	21.94	20.00	3.44	3.00	5.25	8.50	
Calf Starter-ettes	20.63	20.00	4.30	3.50	*8.02	6.00	
Calf Starter-ettes	20.63	20.00	4.16	3.50	6.13	6.00	
Calf Starter-ettes	20.00	20.00	3.93	3.50	6.55	6.00	
Calf Starter-ettes	22.50	20.00	4.63	3.50	6.12	6.00	
Calf Starter-ettes	*17.50	20.00	4.56	3.50	*7.27	6.00	
Canton Special 44% Concentrate	46.56	44.00	4.07	2.50	7.26	10.00	
Chick Scratch	11.25	9.00	2.05	2.00	2.10	3.00	
Coarse Scratch	10.00	9.00	3.64	2.00	3.91	5.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Cooperative G.L.F. Exchange, Inc. - Continued							
Coarse Scratch	10.56	9.00	3.66	2.00	3.51	5.00	
Coarse Scratch	9.38	9.00	3.39	2.00	2.37	5.00	
Compact 16 (Dairy Formulets)	16.44	16.00	3.40	3.50	7.54	8.50	
Compact 16 (Dairy Formulets)	17.63	16.00	4.04	3.50	7.47	8.50	
Compact 16 (Dairy Formulets)	18.44	16.00	3.69	3.50	6.99	8.50	
Compact 16 (Dairy Formulets)	18.25	16.00	4.37	3.50	6.49	8.50	
Compact 16 (Dairy Formulets)	17.81	16.00	4.05	3.50	6.98	8.50	
Corn Distillers Dried Grains	25.00	24.00	9.78	5.00	9.69	14.00	
Corn Distillers Dried Grains	26.25	24.00	9.62	5.00	8.38	14.00	
Corn Feed Meal	9.31	8.00	5.22	3.00	3.39	3.00	
Corn Feed Meal	9.06	8.00	3.68	3.00	1.86	3.00	
Corn Gluten Feed	21.25	21.00	2.04	1.00	8.90	8.50	
Corn Gluten Feed	22.19	21.00	1.61	1.00	9.01	8.50	
Corn Gluten Feed	22.50	21.00	2.50	1.00	8.60	8.50	
Corn & Oats Ground Half & Half	10.63	10.00	4.09	4.00	5.89	8.00	
Corn & Oats Ground Half & Half	9.81	10.00	3.64	4.00	4.27	8.00	
Corn & Oats Ground Half & Half	10.31	10.00	3.63	4.00	6.46	8.00	
#1550-14 Dairy Formulets	15.31	14.00	4.82	4.00	5.98	8.00	
#1550-14 Dairy Formulets	15.63	14.00	5.00	4.00	7.59	8.00	
#1550-14 Dairy Formulets	15.94	14.00	5.54	4.00	6.71	8.00	
#1550-14 Dairy Formulets	16.25	14.00	4.80	4.00	7.01	8.00	
#1550-14 Dairy Formulets	15.63	14.00	5.74	4.00	5.85	8.00	
#1600-16 Dairy Formulets	16.25	16.00	5.94	5.00	5.38	7.00	
#1600-16 Dairy Formulets	18.19	16.00	5.82	5.00	5.34	7.00	
#1600-16 Dairy Formulets	17.19	16.00	5.09	5.00	4.83	7.00	
#1600-16 Dairy Formulets	16.25	16.00	5.87	5.00	4.75	7.00	
#1600-16 Dairy Formulets	17.50	16.00	5.18	5.00	6.40	7.00	
#1600-16 Dairy Formulets	15.54	16.00	*3.80	5.00	4.82	7.00	
#1600-16 Dairy Formulets	16.88	16.00	5.76	5.00	5.58	7.00	
Dari-Krunch	17.19	16.00	5.42	4.00	7.81	9.00	
Defender Unscreened Crumbles Medicated	20.94	20.00	5.16	3.50	3.93	3.75	
Defender Unscreened Crumbles Medicated	19.81	20.00	4.83	3.50	3.40	3.75	
Dehulled Soybean Meal, Solvent Extracted	*47.81	50.00	1.53	0.50	3.27	3.00	
Dehulled Soybean Meal, Solvent Extracted	50.63	50.00	0.77	0.50	2.46	3.00	
Dehulled Soybean Meal, Solvent Extracted	49.38	50.00	1.17	0.50	3.45	3.00	
Dehulled Soybean Meal, Solvent Extracted	49.06	50.00	1.35	0.50	3.20	3.00	
17% Dehydrated Alfalfa Meal	16.88	17.00	2.63	1.50	25.23	27.00	
17% Dehydrated Alfalfa Meal Pellets	17.69	17.00	3.13	1.50	21.97	27.00	
17% Dehydrated Alfalfa Meal Pellets	17.19	17.00	2.78	1.50	26.30	27.00	
17% Dehydrated Alfalfa Meal Pellets	18.44	17.00	3.54	1.50	23.37	27.00	
Early Bird Medicated Pre-Starter	27.81	25.00	*4.51	6.00	3.13	3.00	+
Early Market Lamb Pellets	15.31	14.00	3.41	2.00	16.92	18.00	
Early Market Lamb Pellets	15.31	14.00	3.34	2.00	14.36	18.00	
Empire Dairy	15.94	16.00	3.72	3.00	8.30	10.00	
Empire Dairy	16.07	16.00	3.25	3.00	6.15	10.00	
Empire Dairy	17.48	16.00	2.91	3.00	8.09	10.00	
Empire Dairy	17.06	16.00	4.71	3.00	9.12	10.00	
Empire Dairy	17.50	16.00	5.02	3.00	7.70	10.00	
Exchange Champ	20.63	18.00	3.52	3.50	7.52	9.00	
Exchange Champ	20.31	18.00	4.00	3.50	6.47	9.00	
Exchange Champ	18.94	18.00	3.68	3.50	7.81	9.00	
#Feathered Friend Wild Bird Food	11.38	11.00	4.31	4.00	6.38	6.00	
Fitting Ration	14.38	14.00	3.90	3.25	6.58	10.00	
Game Bird Grower & Turk-E-Gro Formulets	22.81	22.00	4.95	3.50	3.53	5.00	
Gro-Chik	*18.06	20.00	5.08	4.00	6.10	6.00	
Gro-Chik	22.19	20.00	4.73	4.00	4.98	6.00	
Gro-Matic	17.19	16.00	4.78	4.50	3.77	5.50	
Growing Mash Medicated	20.63	20.00	4.75	4.00	5.13	6.50	+
19% Hi-N Exchange Dairy Formulets	18.56	19.00	4.42	4.00	6.87	8.00	
32% Hi-Pro Concentrate	33.44	32.00	5.52	5.00	8.02	10.00	
32% Hi-Pro Concentrate	33.75	32.00	5.46	5.00	8.11	10.00	
32% Hi-Pro Concentrate	33.13	32.00	5.39	5.00	7.17	10.00	
32% Hi-Pro Concentrate	32.19	32.00	5.56	5.00	7.54	10.00	
32% Hi-Pro Concentrate	34.69	32.00	5.90	5.00	7.53	10.00	
32% Hi-Pro Concentrate	35.06	32.00	5.52	5.00	8.81	10.00	
32% Hi-Pro Concentrate	33.44	32.00	5.29	5.00	8.54	10.00	
40% Hi-Pro Concentrate	38.75	40.00	3.66	2.00	8.01	9.00	
32% Hi-Pro Concentrate Bordentown	33.75	32.00	5.79	5.00	7.96	10.00	
Hog Feed	15.00	14.00	4.07	3.00	3.85	5.00	
Hog Feed	13.93	14.00	3.58	3.00	*7.43	5.00	
Hog Feed	15.94	14.00	3.96	3.00	5.37	5.00	
Hog Feed	15.63	14.00	3.90	3.00	4.93	5.00	
Hog Feed	14.38	14.00	3.47	3.00	4.73	5.00	
Hog Feed (Bordentown)	15.31	14.00	3.25	3.00	5.21	5.00	
Hominy Feed	9.69	10.00	4.33	5.00	3.44	6.00	
Keystone 50% Hi-Pro	50.31	50.00	2.48	1.50	5.35	10.00	
Keystone 50% Hi-Pro	51.31	50.00	3.16	1.50	5.83	10.00	
Layer	*18.50	20.00	4.51	4.00	3.10	5.00	
Layer	20.75	20.00	5.37	4.00	3.88	5.00	
Layer	20.00	20.00	4.31	4.00	3.23	5.00	
Layer	20.06	20.00	4.60	4.00	3.17	5.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Cooperative G.L.F. Exchange, Inc. - Continued							
Medicated Commander Unscreened Crumbles	21.81	21.00	4.60	4.00	2.91	3.50	+
Medicated Defender	20.63	20.00	4.16	3.50	3.45	3.75	
Medicated Defender	22.19	20.00	4.69	3.50	*5.16	3.75	
Medicated Defender	21.56	20.00	4.21	3.50	3.78	3.75	
Medicated Defender	21.88	20.00	4.23	3.50	3.83	3.75	
Medicated Defender	16.25	16.00	4.28	4.00	7.15	9.00	
16% Milk Maker	16.25	16.00	4.15	3.50	6.79	8.50	
16% Milk Maker	17.81	16.00	5.17	4.00	8.47	9.00	
16% Milk Maker	*37.56	40.00	3.64	2.00	6.30	10.00	
40% Mixer Krums	39.38	40.00	3.85	2.00	7.06	10.00	
40% Mixer Krums	39.38	40.00	3.23	2.00	7.40	10.00	
40% Mixer Krums	39.38	40.00	4.39	2.00	8.40	10.00	
40% Mixer Krums	14.59	14.00	3.72	3.00	7.02	10.00	
New Trim	17.31	16.00	4.52	3.00	8.45	12.00	
16% Pasture Pellets	19.38	20.00	6.69	5.00	3.22	3.50	17
Quik-Prime A Medicated	19.69	20.00	6.90	5.00	3.81	3.50	17
Quik-Prime A Medicated	17.81	16.00	3.76	3.00	4.62	5.50	
Sow & Pig Feed	24.38	25.00	9.45	8.00	2.92	4.00	
Squire Applegate Big Red Dog Food	25.31	25.00	8.97	8.00	2.80	4.00	
Squire Applegate Big Red Dog Food	21.56	20.00	5.07	4.00	3.38	4.00	+
Starter Medicated 185818 BF	23.44	21.00	5.06	4.00	3.77	3.50	+
6-W Starter Medicated	22.81	21.00	5.62	4.00	3.27	3.50	+
6-W Starter Medicated	23.13	21.00	4.64	4.00	3.49	3.50	+
6-W Starter Medicated	21.56	21.00	4.44	4.00	3.36	3.50	15
6-W Starter Medicated	39.69	36.00	*3.14	5.00	2.24	5.00	
Strike Fish Food	9.69	9.00	2.98	2.00	2.18	3.00	
Super Goarse Scratch	19.38	20.00	5.06	4.50	6.51	8.00	
Super Exchange Dairy	21.25	20.00	5.60	4.50	6.61	8.00	
Super Exchange Dairy	23.44	20.00	4.80	4.50	6.97	8.00	
Super Exchange Dairy	14.52	13.00	3.60	3.25	9.04	11.00	
Super Fit-N-Fresh	14.02	13.00	3.68	3.25	9.90	11.00	
Super Fit-N-Fresh	13.51	13.00	3.19	3.25	8.93	11.00	
Super Fit-N-Fresh	13.88	13.00	3.85	3.25	9.28	11.00	
Super Fit-N-Fresh	14.42	13.00	3.19	3.25	11.23	11.00	
Super Fit-N-Fresh Bordentown	15.00	13.00	3.75	3.25	9.65	11.00	
Super Fit-N-Fresh Bordentown	24.69	21.00	4.51	4.00	3.59	4.00	+
Super Lay Medicated	21.88	21.00	4.15	4.00	3.68	4.00	+
Super Lay Medicated	21.25	21.00	4.90	4.00	3.69	4.00	+
Super Lay Medicated	21.38	21.00	5.68	4.00	3.85	4.00	+
Super Lay Medicated	20.63	21.00	5.00	4.00	3.64	4.00	+
Super Lay Medicated	22.88	21.00	4.60	4.00	3.88	4.50	+
Super Lay Medicated	20.00	21.00	4.50	4.00	3.65	4.00	1
Super Lay Medicated	*19.38	21.00	3.86	4.00	3.89	4.50	+
Super Lay Medicated Bordentown	20.63	21.00	4.99	4.00	3.92	4.50	+
Super Lay Medicated Laying Mash	22.81	21.00	4.46	4.00	3.60	4.00	+
Super-Matic Medicated	17.19	17.00	3.76	4.00	3.62	4.00	1
Super-Matic Medicated	18.75	17.00	4.05	4.00	2.82	4.00	+
Super Test Feed	17.38	16.00	4.85	4.50	6.06	8.00	
Super Test Feed Albany	17.19	16.00	4.84	4.50	6.06	8.00	
Trim	14.69	14.00	3.66	3.00	6.75	10.00	
Trim	17.19	14.00	3.77	3.00	6.57	10.00	
Trim	17.01	14.00	4.27	3.00	8.58	10.00	
Veal-N-Gro Milk Replacer Medicated	24.37	23.00	11.08	12.00	0.27	0.25	
Wheat Middlings	16.56	15.00	4.48	4.00	8.22	9.00	
Wheat Middlings	15.94	15.00	4.34	4.00	7.42	9.00	

Cooperative G.L.F. Exchange, Inc.  
Small Animal Division  
Ithaca, N. Y.

Squire Applegate Big Bunny Rabbit Pellets	16.56	16.00	4.26	3.50	9.46	11.00	
Squire Applegate Big Bunny Rabbit Pellets	17.00	16.00	4.61	3.50	9.38	11.00	
Squire Applegate Big Red Dog Food Meal	25.63	25.00	7.23	8.00	2.47	4.00	
Squire Applegate Big Red Dog Food Meal	25.94	25.00	8.37	8.00	2.65	4.00	
Squire Applegate Big Red Dog Food Pellets	25.31	25.00	9.84	8.00	2.72	4.00	
Squire Applegate Big Red Shush Pup Dog Food	26.88	25.00	10.72	7.00	3.19	4.00	
Squire Applegate Big Red Shush Pup Dog Food	25.94	25.00	11.62	7.00	3.80	4.00	

Cooperative Mills, Inc.  
Baltimore, Md.

All Mash Breeder Ration Medicated	16.25	16.00	5.33	3.50	3.89	5.00	+
All Mash Breeder Ration Medicated	17.69	16.00	5.68	3.50	3.28	5.00	+
16% All Mash Developer Medicated (A)	19.06	16.00	4.06	3.50	4.15	6.00	+
All Mash Laying Ration Medicated	19.06	16.00	4.60	3.50	4.21	4.50	+
All Mash Laying Ration Medicated	18.13	16.00	4.25	3.50	4.21	4.50	+
All Mash Laying Ration Medicated	19.81	16.00	4.67	3.50	3.87	4.50	+
All Mash Laying Ration Medicated	20.00	16.00	4.27	3.50	3.89	4.00	+
All Mash Laying Ration Medicated	19.19	16.00	4.17	3.50	3.97	4.50	+
All Mash Laying Ration Medicated	18.44	16.00	4.83	3.50	3.57	4.50	+
Beef Supplement	32.50	30.00	1.76	2.00	11.15	12.00	
32% Breeder Supplement Medicated	37.44	32.00	5.12	4.00	4.83	6.50	+



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Cooperative Mills, Inc. - Continued							
Broiler Maker (A+) Medicated	24.38	22.00	5.61	4.00	2.88	4.00	+
Broiler Maker Finisher (A+) Medicated	21.25	18.00	5.52	4.00	2.92	4.00	+
Broiler Maker Finisher (A+) Medicated	22.19	18.00	4.94	4.00	3.35	4.00	+
Caged Layer Ration	19.38	16.00	4.82	3.50	3.95	3.50	
Calf Developer	19.49	18.00	4.64	4.00	6.79	8.00	
Calf Developer	19.24	18.00	4.76	4.00	6.87	8.00	
Calf Developer	19.18	18.00	4.38	4.00	5.84	8.00	
Calf Developer	19.68	18.00	3.79	4.00	5.21	8.00	
Calf Pellets	24.69	25.00	4.04	3.00	5.33	8.00	
Chick Starter	9.06	9.00	2.18	2.00	1.73	3.00	
Coarse Scratch	11.25	9.00	3.24	2.00	3.16	5.00	
Co-Lass Mix	6.69	5.00	0.35	0.50	18.56	18.00	
Co-Lass Mix	7.00	5.00	0.39	0.50	18.46	18.00	
#Corn Gluten Feed	22.81	21.00	2.14	1.00	8.37	10.00	
#Corn & Oats, Half and Half	10.94	10.00	3.65	4.00	6.65	8.00	
Crunchy Pellets	17.81	16.00	3.50	2.50	11.80	15.00	
Crunchy Pellets	20.31	16.00	3.17	2.50	10.61	15.00	
Crunchy Pellets	19.38	16.00	3.77	2.50	13.11	15.00	
32% Dairy Supplement	*31.06	32.00	3.98	2.25	7.64	11.00	
38% Dairy Supplement	37.75	38.00	1.36	0.75	9.80	15.00	
38% Dairy Supplement	43.63	38.00	1.32	0.75	11.50	15.00	
38% Dairy Supplement	37.38	38.00	0.73	0.75	11.92	15.00	
38% Dairy Supplement	37.02	38.00	1.69	1.00	8.13	10.00	
38% Dairy Supplement	37.57	38.00	0.59	0.75	13.45	15.00	
38% Dairy Supplement	41.26	38.00	1.02	0.75	12.88	15.00	
40% Dairy Supplement	40.79	40.00	1.08	0.50	3.95	8.00	
16% Dari Krunch	18.13	16.00	4.16	2.50	7.91	10.00	
20% Dari Krunch	22.81	20.00	3.66	2.50	6.54	8.50	
Dari-Las	14.38	12.00	2.92	2.25	13.29	14.00	
Dari-Las	13.99	12.00	2.93	2.25	11.93	14.00	
Dari-Las	14.28	12.00	2.62	2.25	10.44	14.00	
Dari-Las	14.00	12.00	2.92	2.25	11.08	14.00	
0.0022% Diethylstilbestrol Mixture in Pro-Blend "50"	51.49	50.00	3.51	3.00	5.19	6.00	+
Egg Producer	20.31	20.00	4.09	2.50	4.30	6.50	
#Fish Pellets	32.00	31.00	4.25	3.00	8.08	8.50	
Fitting Feed, Partially Pelleted	16.31	14.00	3.44	2.50	8.67	10.00	
Fitting Ration	16.06	14.00	4.11	2.50	7.47	10.00	
#Free Choice Mineral Supplement A	Calcium		Phosphorus		Salt		
	28.10	29.00	5.94	5.25	15.11	15.00	
Growing Mash	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Growing Mash	20.00	17.50	4.03	3.50	4.48	6.50	
Growing Mash	18.75	17.50	4.07	3.50	4.48	6.50	
Growing Mash	20.63	17.50	3.71	3.50	4.38	6.50	
Hi-Gro Blend Pig Supplement Medicated (HG)	39.31	38.00	2.83	2.00	5.73	7.50	+
Hi-Gro Blend Pig Supplement Medicated (HG)	40.13	38.00	5.45	2.00	6.58	7.50	+
Hi-Gro Blend Pig Supplement Medicated (HG)	40.13	38.00	2.92	2.00	6.26	7.50	+
Horse & Pony Feed	13.54	11.00	3.45	3.50	4.05	7.00	
#Lamb-Ets Medicated	18.44	12.00	2.58	2.00	11.94	18.00	
LPS (A Liquid Protein Supplement for Ruminants Only)	38.22	33.00					
LPS (A Liquid Protein Supplement for Ruminants Only)	36.20	33.00					
LPS (A Liquid Protein Supplement for Ruminants Only)	31.95	33.00					
LPS (A Liquid Protein Supplement for Ruminants Only)	32.27	33.00					
LPS (A Liquid Protein Supplement for Ruminants Only)	32.44	33.00					
LPS (A Liquid Protein Supplement for Ruminants Only)	47.29	33.00					
16% Milk Maker	16.25	16.00	3.98	3.00	7.83	10.00	
16% Milk Maker	18.25	16.00	3.69	3.00	7.68	10.00	
16% Milk Maker	16.19	16.00	3.86	3.00	8.28	10.00	
16% Milk Maker	16.09	16.00	3.21	3.00	8.46	8.50	
16% Milk Maker	16.56	16.00	3.73	3.00	8.36	10.00	
16% Milk Maker	16.25	16.00	4.14	2.50	9.19	10.00	
20% Milk Maker	20.31	20.00	4.20	3.00	8.10	10.00	
20% Milk Maker	22.81	20.00	4.42	3.00	7.95	10.00	
24% Milk Maker	23.44	24.00	3.94	2.50	9.30	10.00	
24% Milk Maker	23.44	24.00	3.57	2.50	7.82	10.00	
24% Milk Maker	25.56	24.00	4.08	2.50	7.31	10.00	
32% Milk Maker	34.38	32.00	2.63	2.25	7.79	10.00	
32% Milk Maker	36.56	32.00	2.67	2.25	7.09	10.00	
#32% Milk Maker	34.06	32.00	2.78	2.25	8.10	10.00	
32% Milk Maker	33.44	32.00	2.22	2.25	8.13	10.00	
32% Milk Maker	34.69	32.00	2.97	2.25	7.41	10.00	
32% Milk Maker	33.81	32.00	2.87	2.25	7.00	10.00	
32% Milk Maker	31.56	32.00	3.04	3.25	6.93	10.00	
32% Milk Maker	32.50	32.00	2.89	2.20	7.43	10.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Cooperative Mills, Inc. - Continued							
	20.00	16.00	4.63	3.50	4.95	5.00	+
Pig Developer Medicated	19.81	18.00	4.68	3.50	2.69	4.50	+
Pig Starter Medicated (HG)	21.38	18.00	4.53	3.50	3.50	4.50	+
Pig Starter Medicated (HG)	15.63	12.00	5.00	3.50	4.05	5.00	
Pork Maker	14.06	12.00	5.13	3.50	3.84	5.00	
Pork Maker	12.81	12.00	4.22	3.50	4.14	5.00	
Pork Maker	13.75	12.00	4.30	3.50	3.19	5.00	
Pork Maker	42.50	40.00	5.25	3.00	4.29	6.50	+
40% Poultry Supplement Medicated	45.25	40.00	4.24	3.00	4.03	6.50	+
40% Poultry Supplement Medicated	44.06	40.00	4.41	3.00	3.90	6.50	+
40% Poultry Supplement Medicated	42.50	40.00	3.41	3.00	4.27	6.50	+
40% Poultry Supplement Medicated	39.38	40.00	4.37	3.00	5.29	6.50	+
40% Poultry Supplement Medicated	40.63	40.00	3.02	3.00	4.51	5.50	+
40% Poultry Supplement Medicated	41.56	40.00	4.57	3.00	5.07	5.50	+
40% Poultry Supplement Medicated	41.06	40.00	4.80	3.00	3.88	5.50	+
40% Poultry Supplement Medicated	39.81	40.00	4.45	3.00	4.10	5.50	+
40% Poultry Supplement Medicated	48.13	50.00	4.10	3.00	6.81	6.00	
Pro-Blend "50"	51.75	50.00	3.75	3.00	5.95	6.00	
Pro-Blend "50"	52.10	50.00	3.00	3.00	5.60	6.00	
Pro-Blend "50"	16.56	16.00	2.95	2.50	13.91	15.00	
16% Production Dairy	16.25	15.00	4.46	3.50	4.31	6.00	
Pullet Developer	17.06	15.00	4.58	3.50	4.01	6.00	
Pullet Developer	22.50	18.00	3.32	2.50	6.97	10.00	
Rabbit Maker Medicated	25.94	25.00	8.57	7.00	3.62	4.00	
Red Ranger Nuggets Dog Food	41.81	38.00	3.66	2.00	6.06	7.50	+
38% Sow & Pig Supplement Medicated	39.69	38.00	3.07	2.00	5.82	7.50	+
38% Sow & Pig Supplement Medicated	43.06	38.00	3.64	2.00	5.25	7.50	+
38% Sow & Pig Supplement Medicated	38.44	38.00	4.69	2.00	7.31	7.50	+
38% Sow & Pig Supplement Medicated	41.00	38.00	3.90	2.00	6.30	7.50	+
38% Sow & Pig Supplement Medicated	39.69	38.00	3.83	2.00	5.60	7.50	+
38% Sow & Pig Supplement Medicated	12.81	9.00	3.51	2.00	5.28	5.00	
Special Coarse Scratch	21.56	20.00	4.71	3.00	4.67	6.00	+
Starting & Growing Mash Medicated (A)	21.94	20.00	4.11	3.00	4.82	6.00	+
Starting & Growing Mash Medicated (A)	21.25	20.00	4.26	3.00	4.89	6.00	+
Starting & Growing Mash Medicated (A)	22.19	20.00	3.96	3.00	5.07	6.00	+
Starting & Growing Mash Medicated (A)	22.19	20.00	4.01	3.00	4.95	6.00	+
Starting & Growing Mash Medicated (A)	23.75	20.00	3.75	3.00	4.26	6.00	+
Starting & Growing Mash Medicated (A)	21.56	20.00	4.00	3.00	4.43	6.00	+
Starting & Growing Mash Medicated (TR)	24.06	22.00	5.15	3.00	4.05	5.00	+
Super Breeding Mash Medicated	9.69	9.00	2.80	2.00	2.03	3.00	
Super Coarse Scratch	24.88	22.00	4.25	3.00	3.45	5.00	+
Super Laying Mash Medicated	25.94	22.00	4.20	3.00	3.86	5.00	+
Super Laying Mash Medicated	21.88	22.00	4.34	3.00	3.64	5.00	+
Super Laying Mash Medicated	24.56	22.00	4.61	3.00	4.13	5.00	+
Super Laying Mash Medicated	24.69	22.00	4.44	3.00	3.75	5.00	+
Super Laying Mash Medicated	24.56	22.00	4.73	3.00	4.00	5.00	+
Super Laying Mash Medicated	23.63	22.00	4.91	3.00	3.28	5.00	+
Super Laying Mash Medicated	22.19	22.00	4.20	3.00	3.94	5.00	+
Super Laying Mash Medicated	24.06	22.00	4.22	3.00	3.38	5.00	+
Super Laying Mash Medicated	24.44	22.00	4.16	3.00	4.15	5.00	+
Super Laying Mash Medicated	11.50	11.00	3.24	2.50	5.57	7.50	
Sweet Stock Feed	11.33	11.00	3.38	2.50	5.03	7.50	
Sweet Stock Feed	20.94	18.00	4.53	3.50	4.34	5.50	
Turkey Breeder All Mash	21.56	20.00	3.73	3.50	2.68	4.00	+
Turkey Developer (4N) Medicated							
Corn Products Company New York 22, N. Y.							
21% Corn Gluten Feed	22.81	21.00	1.15	1.00	9.15	10.00	
21% Corn Gluten Feed	23.13	21.00	1.02	1.00	8.29	10.00	
21% Corn Gluten Feed	22.50	21.00	1.17	1.00	8.81	10.00	
41% Corn Gluten Meal	50.13	41.00	1.55	1.00	3.33	6.00	
Correctional Industries Camp Hill, Pa.							
16% Dairy	17.81	16.00	3.46	3.10	5.96	7.10	
16% Dairy Medicated	16.00	16.00	6.27	3.10	6.73	7.10	
Cove Dehydrating Plant R. D. 1, Martinsburg, Pa.							
Dehydrated Alfalfa Meal w/1% Animal Fat	18.75	17.00	3.54	2.50	23.02	27.00	
Cresson Feed Mill, Inc. Cresson, Pa.							
Corn & Oats Chop	10.38	9.00	3.80	3.50	6.65	10.00	
Corn & Oats Chop w/Molasses	10.00	9.00	4.16	3.50	6.07	10.00	
Corn & Oats Chop w/Molasses	10.31	9.00	3.63	3.50	6.47	10.00	
Scratch Feed	10.63	9.00	2.53	2.00	3.05	5.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
The Crete Mills Division of Lauhoff Grain Company Crete, Neb.							
Corn Granules	19.38	14.50	4.67	4.00	*7.07	5.00	
W. S. Crock & Sons Nickolson, Pa.							
16% Dairy Ration	17.81	16.00	3.84	3.50	7.36	9.00	
18% Dairy Ration	18.75	18.00	4.00	3.50	8.42	9.00	
20% Dairy Ration	20.94	20.00	4.13	3.50	8.55	9.00	
14% Fitting Ration	15.94	14.00	3.85	3.00	7.62	9.00	
Super 16% Dairy Ration	16.88	16.00	4.25	4.00	6.75	8.00	
Crouse Chinchilla Farm R. D. 1, Stafford Springs, Conn.							
#Better Fare for Chinchillas	17.81	16.00	3.69	3.00	10.72	10.00	
J. Harold Crozier Mifflin, Pa.							
Layer Mash	21.56	18.00	4.41	3.50	5.52	7.00	
Cumberland Valley Cooperative Assn. Shippensburg, Pa.							
All Mash	18.44	16.00	4.87	4.00	5.03	5.00	
Chick Starting Mash	19.69	18.00	4.80	4.00	4.34	7.00	
16% Dairy Feed	17.81	16.00	2.89	2.00	10.19	10.00	
Egg Mash	21.56	20.00	6.15	3.50	3.84	8.00	
Egg Mash	21.56	20.00	6.25	3.50	3.70	8.00	
Hog Feed	39.69	12.00	5.91	2.00	4.48	9.00	
Rumac	44.06	40.00	0.94	1.00	8.70	8.00	
Superior Dairy Ration	18.75	18.00	2.15	2.00	7.95	9.00	
Curry Supply Company Curryville, Pa.							
14% Complete Hog Meal	17.81	14.00	3.73	3.00	3.12	6.00	
Pep-Mix 16% Dairy Feed	*13.25	16.00	2.88	2.00	6.75	8.00	
Pep-Mix Egg Ration	17.50	16.00	4.67	3.00	2.84	6.00	
Pep-Mix Hog Finisher	15.00	13.00	3.70	2.50	4.90	5.00	
John K. Curry Sons Palmyra, Pa.							
Dairy V.M.P. No. 1	33.75	34.00	5.94	6.00	6.94	9.50	
Daffin Manufacturing Division of Daffin Corporation Lancaster, Pa.							
Ruminant Premix	14.69	13.00	0.95	1.00	*8.07	5.00	
Darling & Company McKees Rocks, Pa.							
50% Meat & Bone Scraps	*47.13	50.00	11.80	6.00	2.94	3.00	
50% Meat & Bone Scraps	50.94	50.00	9.65	6.00	3.29	3.00	
50% Meat & Bone Scraps	*46.50	50.00	*14.67	6.00	2.15	3.00	
50% Meat & Bone Scraps	51.25	50.00	8.85	6.00	2.93	3.00	
Dawe's Laboratories, Inc. Chicago, Ill.							
#D. V. Base	35.63	34.00	*5.10	1.00	6.83	8.00	
Dayett Mills Newark, Del.							
Dog Food	26.25	24.00	5.60	4.00	4.19	5.00	
Dean & Lee Horseheads, N. Y.							
Dairy Ration 16	17.81	16.00	4.30	3.50	8.25	8.50	
30% Dairy Mixing Ration	30.19	30.00	5.10	3.00	5.09	12.00	
Growing Mash	20.25	20.00	3.81	3.50	5.39	7.50	
Deep Run Packing Company, Inc. Dublin, Pa.							
Big Bet Chicken Parts w/Gravy Dog Food	9.85	10.00	13.19	6.00	0.16	1.50	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Deep Run Packing Company, Inc. - Continued							
Big Bet Chicken Parts w/Gravy Dog Food	12.08	10.00	*14.79	6.00	0.19	1.50	
#Big Bet Ration Dog Food	8.68	8.00	2.72	2.00	1.20	1.50	
Mrs. Smith Chicken Parts w/Gravy Cat 'N Dog	13.06	10.00	12.58	7.00	0.21	1.50	
Deibert Feed Service							
Bedford, Pa.							
Corn & Oats Chop	11.88	9.00	3.46	3.00	5.40	8.50	
Corn & Oats Chop	11.63	9.00	3.58	3.00	7.60	8.50	
Hen Scratch	10.63	10.00	2.66	3.00	2.96	6.00	
High Producer All Mash Layer Medicated	16.25	16.00	3.57	3.50	3.51	4.00	+
High Producer Layer	20.00	20.00	4.50	3.50	3.88	6.50	
High Producer Layer	20.13	20.00	4.95	3.50	3.81	6.50	
16% Hogmaker	17.50	16.00	3.73	3.00	7.58	8.00	
18% Pig & Hog	17.81	18.00	4.27	3.00	5.49	6.50	
18% Pig & Hog	*15.69	18.00	3.39	3.00	6.04	6.50	
Delaware Milling Company, Inc.							
Deposit, N. Y.							
Dog Food	25.63	23.00	9.15	5.50	3.71	4.50	
Ground Corn & Oats	11.06	9.00	4.07	3.50	6.62	8.50	
Rabbit Pellets	17.50	16.00	3.82	2.50	11.72	17.00	
Scratch Grains	9.69	9.00	3.06	2.00	3.17	5.00	
Delphos Soya Products Company							
Delphos, Ohio							
44% Protein Soybean Meal, Solvent Extracted	44.50	44.00	0.60	0.50	8.63	7.00	
44% Protein Soybean Meal, Solvent Extracted	48.75	44.00	0.84	0.50	6.25	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.94	44.00	0.80	0.50	6.72	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.06	44.00	0.58	0.50	5.89	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.81	44.00	0.73	0.50	7.15	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.19	44.00	0.65	0.50	7.46	7.00	
44% Protein Soybean Meal, Solvent Extracted	42.50	44.00	1.71	0.50	9.72	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.81	44.00	0.57	0.50	5.55	7.00	
L. J. Denlinger Company							
Paradise, Pa.							
All Mash Pellet Grower Medicated	17.75	16.50	3.82	3.50	4.80	6.00	+
Hi-Calorie All Mash Layer	18.13	17.00	4.74	4.00	2.33	3.50	
Detrich Elevator							
Williamson, Pa.							
Check-R-Mix Hog Finisher No. 2 (A)	12.19	12.00	2.98	2.50	3.27	6.00	
Check-R-Mix Laying Feed (All Mash)	17.50	16.00	3.85	2.50	5.20	8.00	
Check-R-Mix Laying Mash LN	23.44	22.00	4.34	3.50	4.57	7.00	
DeWald's Mill							
Bloomsburg, Pa.							
Chick Starter & Grower	23.13	20.00	4.34	3.00	5.42	7.00	
Dairy 16%	18.44	16.00	3.67	3.00	8.12	11.00	
Hog Supplement 40%	42.19	40.00	5.58	4.00	9.29	9.00	
Horse Feed	13.44	9.00	3.33	3.00	6.04	10.00	
Laying Mash	21.88	20.00	4.12	3.00	4.61	7.00	
Diamond Milling Company, Inc.							
New Brighton, Pa.							
Master Made Layer Mash w/Pellets	20.63	20.00	3.40	2.50	3.98	6.50	
Master Made Pullet Grower Medicated	17.81	18.00	3.22	3.50	6.03	7.00	15
Dietrich & Gambrill, Inc.							
Frederick, Md.							
#All Purpose Mash	17.81	15.00	4.44	4.00	5.00	7.00	
Chick Starter Medicated	22.50	20.00	4.77	4.00	4.12	5.00	+
16% Dairy	17.79	16.00	2.73	2.50	9.34	11.00	
32% Dairy Feed	36.88	32.00	2.27	2.00	9.49	9.00	
Growing Mash	23.00	19.00	4.39	4.00	5.36	7.00	
Growing Mash	21.88	19.00	3.99	4.00	4.77	7.00	
Horse & Stock Feed	10.47	10.00	2.93	3.00	5.40	12.00	
Horse & Stock Feed	11.20	10.00	3.08	3.00	6.02	12.00	
Horse & Stock Feed	10.83	10.00	2.98	3.00	5.60	12.00	
Laying Mash	23.44	20.00	4.09	4.00	6.40	8.00	
Laying Mash	20.00	20.00	4.64	4.00	4.93	5.50	
Laying Mash	20.31	20.00	5.32	4.00	4.28	5.50	
Pig & Sow Meal	19.69	18.00	4.49	4.00	6.50	6.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Dietrich & Gambrill, Inc. - Continued							
Pulverized Oats	13.44	11.00	4.68	4.00	10.15	12.00	
Roaster Maker	16.88	15.00	6.24	5.00	3.10	3.50	
Roaster Maker	18.13	15.00	6.50	5.00	3.24	3.50	
Scratch Feed	10.94	9.00	2.96	2.50	3.34	5.00	
Special Broiler Mash Medicated	23.13	22.00	5.38	5.00	2.47	3.50	+
Special Broiler Mash Medicated	21.56	22.00	5.30	5.00	4.11	3.50	17
Dillsburg Grain & Milling Company							
Dillsburg, Pa.							
Starting & Growing	16.25	16.00	3.44	3.00	6.51	7.00	
Doane Feed Products Company							
Joplin, Mo.							
Hi-Mo-Lass	7.63	6.00	0.47	0.50	14.72	15.00	
Hi-Mo-Lass	6.56	6.00	*0.20	0.50	15.52	15.00	
Hi-Mo-Lass	6.56	6.00	0.25	0.50	15.84	15.00	
Dodge Mills G.L.F. Service							
New Albany, Pa.							
Corn & Oat Chop	10.63	10.00	3.98	3.50	4.54	7.50	
Corn & Oat Chop	10.63	10.00	3.63	3.50	6.31	7.50	
Poultry Grain	10.63	9.00	3.09	2.00	3.26	5.00	
Poultry Grain	10.94	9.00	2.60	2.00	4.99	5.00	
Dog Food Associates							
Division of Thrivo Company, Inc.							
Philadelphia, Pa.							
#My Dish Dog Food	7.58	8.00	1.82	1.50	0.82	1.50	
Dover Milling Company							
Dover, Ohio							
Wheat Bran	15.94	13.00	4.18	3.00	8.87	10.00	
Wheat Bran	14.88	13.00	3.93	3.00	9.54	10.00	
Wheat Bran	14.69	13.00	3.74	3.00	9.58	10.00	
Wheat Bran	15.81	13.00	4.05	3.00	8.86	12.00	
Wheat Middlings w/Ground Wheat Screenings							
N.E.M.R.	15.50	14.00	3.78	3.00	5.32	8.00	
Wheat Middlings w/Ground Wheat Screenings							
N.E.M.R.	16.63	14.00	4.34	3.00	7.29	8.00	
F. A. Drake's Son							
R. D. 2, Cambridge Springs, Pa.							
Laying Mash	20.44	20.00	3.40	2.50	4.73	6.50	
Laying Mash	19.69	20.00	3.85	2.50	4.83	6.50	
W. H. Dreibelbis Sons, Inc.							
Shoemakersville, Pa.							
Wheat Bran	15.50	12.00	3.66	3.00	9.40	11.50	
Wheat Middlings	13.75	12.50	3.57	3.00	2.50	6.00	
Dublin Milling Company							
Dublin, Pa.							
32% Dairy Concentrate	34.69	32.00	2.32	2.00	8.62	9.00	
Economy 33% Dairy Supplement	32.79	33.00	1.51	1.50	7.50	9.00	
Starter & Grower Mash Medicated	22.19	20.00	4.18	3.00	5.23	8.00	+
Starter & Grower Mash Medicated	21.88	20.00	4.33	3.00	5.74	8.00	+
DuBois Brewing Company							
DuBois, Pa.							
Brewers Dried Grains	28.44	24.00	5.68	5.00	15.18	17.00	
Brewers Dried Grains	24.13	24.00	4.64	5.00	15.69	17.00	
Duffy & Harris							
R. D. 1, Harrisville, Pa.							
Egg Mash	21.00	20.00	4.95	4.00	5.16	7.50	
Dun-Win Company							
South Williamsport, Pa.							
Aroma-Pep "Animal"	4.25	4.44	8.81	8.41	0.55	0.79	
Aroma-Pep "Animal"	4.13	4.44	8.78	8.41	0.82	0.79	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Dun-Win Company - Continued							
Aroma-Pep "Poultry"	4.06	4.81	8.23	6.16	0.51	0.78	
Aroma-Pep "Poultry"	*4.19	4.81	7.44	6.16	0.48	0.78	
Duquesne Brewing Company of Pittsburgh Pittsburgh 3, Pa.							
Brewers Dried Grains	25.00	24.00	5.42	6.00	16.58	20.00	
Brewers Dried Grains	26.25	26.00	6.29	6.00	14.61	20.00	
Dushore G.L.F. Service Dushore, Pa.							
Coarse Scratch	10.00	9.00	3.13	2.00	4.19	5.00	
Corn & Oat Chop	10.63	9.00	3.60	3.00	6.40	8.00	
Dutchman Feed Mills, Inc. R. D. 1, Stevens, Pa.							
0.0011% Diethylstilbestrol Mixture in Steer Concentrate	34.90	32.00	1.25	1.50	3.08	7.00	+
Econ-D Steer Concentrate	36.25	36.00	2.02	2.50	5.81	8.00	
40% Pig Mixer	39.88	40.00	5.38	5.00	4.14	5.00	
J. W. Easland & Sons, Inc. DeSmet, South Dakota							
"Alfa-Con" Alfalfa Pellets	15.63	15.00	1.41	1.70	32.43	33.00	
"Alfa-Con" Alfalfa Pellets	15.13	15.00	1.40	1.70	29.02	33.00	
"Alfa-Con" Alfalfa Pellets	15.94	15.00	*0.97	1.70	32.69	33.00	
"Alfa-Con" Alfalfa Pellets	15.94	15.00	1.14	1.70	30.94	33.00	
East Berlin Flour & Feed Mills, Inc. East Berlin, Pa.							
All Mash Laying Mash Medicated	16.88	16.00	4.87	5.00	2.90	4.00	+
16% Dairy	18.75	16.00	3.18	3.00	10.08	11.00	
0.0011% Diethylstilbestrol Mixture in 30% Steer Supplement	28.69	30.00	*1.53	3.50	8.85	9.00	+
Growing Mash Medicated	21.88	20.00	4.68	4.00	2.32	6.00	+
Hog Supplement Medicated	35.06	36.00	5.15	3.00	5.78	7.00	7
Starter Grower Medicated	20.63	20.00	4.65	4.00	3.74	5.00	+
Eastern States Farmers' Exchange, Inc. West Springfield, Mass.							
Alfapels	15.63	15.00	2.76	1.50	26.20	30.00	
Alfapels	16.75	15.00	3.14	1.50	28.15	30.00	
#Beefmix ND	34.85	32.00	2.62	2.00	7.03	9.00	
Beefmix ND	33.40	32.00	2.99	2.00	7.25	9.00	
Bre-Bits Medicated	17.50	16.00	3.95	3.50	3.08	4.00	+
Bre-Bits Medicated	17.50	16.00	3.94	3.50	3.60	4.00	+
Broiler Finisher Medicated	24.69	22.00	8.75	8.00	2.89	4.00	+
Broiler Finisher Medicated	23.44	22.00	8.65	8.00	2.96	4.00	+
Broiler Finisher Medicated	24.38	22.00	7.90	8.00	2.89	4.00	+
Broiler Finisher Medicated	22.88	22.00	8.26	8.00	3.21	4.00	+
Broiler Finisher Medicated	21.88	20.00	6.64	5.00	3.12	4.50	+
Broiler Finisher Medicated	23.88	22.00	8.49	8.00	3.85	4.00	+
Broiler Finisher Medicated	25.31	24.00	5.46	5.00	3.36	4.00	+
Broiler Starter Medicated	44.69	42.00	5.84	5.00	3.33	4.00	+
Bro-Mix Medicated	20.94	18.00	4.80	4.00	4.89	6.00	
Calf Starter	18.70	18.00	4.45	4.00	5.63	6.00	
Calf Starter	18.82	18.00	4.67	4.00	4.47	6.00	
Calf Starter	19.93	18.00	4.59	4.00	5.34	6.00	
Calf Starter	19.69	16.00	4.70	4.00	2.85	3.50	+
Cashmaker Medicated	14.62	14.00	2.41	2.50	5.20	7.00	
Champion	16.65	14.00	2.89	2.50	6.17	7.00	
Champion	16.88	14.00	2.79	2.50	5.28	7.00	
Champion	15.75	14.00	4.42	3.00	6.42	8.00	
Class Leader	8.75	7.00	4.13	2.00	2.00	2.50	
Coarse Cracked Corn	12.79	12.00	3.53	2.00	8.69	12.00	
DFF (Drouth Forage Extender)	23.13	22.00	8.55	8.00	2.99	3.50	+
Dienestrol Diacetate Mixture in Broiler Finisher	23.75	22.00	8.72	8.00	2.64	3.50	+
Dienestrol Diacetate Mixture in Broiler Finisher	17.19	16.00	4.26	3.50	3.14	4.00	+
Dienestrol Diacetate Mixture in Roaster Finisher	18.56	16.00	4.67	3.50	2.95	4.00	+
Dienestrol Diacetate Mixture in Roaster Finisher	19.69	16.00	4.42	3.50	3.23	4.00	+
Dienestrol Diacetate Mixture in Roaster Finisher	33.44	32.00	3.07	2.00	7.32	9.00	+
0.0011% Diethylstilbestrol Mixture in Beef Mix	33.13	32.00	2.69	2.00	8.26	9.00	+
0.0011% Diethylstilbestrol Mixture in Beef Mix	23.75	24.00	10.18	7.00	2.79	3.00	
Dog Food	27.56	24.00	8.85	7.00	2.14	3.00	
Dog Food	26.25	24.00	6.52	7.00	1.97	3.00	
Dog Food							



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Eastern States Farmers' Exchange, Inc. - Continued							
Fifty-Mix	49.06	50.00	2.07	1.00	6.40	7.00	
Fifty-Mix	50.63	50.00	1.81	1.00	5.78	7.00	
Fifty-Mix	50.63	50.00	1.52	1.00	5.67	7.00	
Fifty-Mix	51.18	50.00	1.67	1.00	5.61	7.00	
Fifty-Mix	50.31	50.00	2.85	1.00	6.90	7.00	
Fulpail	20.31	20.00	4.03	3.00	7.03	8.00	
Gro-Bits Medicated	18.13	15.00	4.18	3.00	3.83	5.00	+
Gro-Bits Medicated	17.19	15.00	3.89	3.00	3.95	5.00	1
Gro-Bits Medicated	16.88	15.00	3.94	3.00	3.71	5.00	+
Gro-Bits Medicated	17.81	15.00	3.88	3.00	4.07	5.00	+
Gro-Bits Medicated	16.88	15.00	3.80	3.00	3.47	5.00	+
Gro-Bits Medicated	18.44	15.00	4.50	3.00	4.34	5.00	+
Gro-Bits WM Medicated	16.56	15.00	4.13	3.00	3.88	5.00	+
Gro-Bits WM Medicated	19.06	16.00	4.53	3.50	4.23	5.00	+
Gro-Bits WM Medicated	17.31	16.00	4.64	3.50	4.48	5.00	+
Lay-Bits Medicated	18.13	16.00	5.26	3.50	3.20	4.00	+
Lay-Bits Medicated	17.81	16.00	4.70	3.50	3.00	4.00	+
Lay-Bits Medicated	17.19	16.00	4.24	3.50	3.13	4.00	+
Lay-Bits Medicated	17.81	16.00	4.50	3.50	3.71	4.00	+
Lay-Bits Medicated	18.13	16.00	4.58	3.50	3.46	4.00	+
Lay-Bits Medicated	16.88	16.00	4.32	3.50	3.35	4.00	+
Lay-Bits Medicated	18.19	16.00	3.67	3.50	3.88	4.00	+
Lay-Bits Medicated	16.88	16.00	3.80	3.50	3.34	4.00	+
Lay-Mix Medicated	40.50	40.00	2.25	2.00	2.96	4.00	+
Lay-Mix Medicated	42.81	40.00	3.20	2.00	3.31	4.00	+
Matchmaker Medicated	25.94	22.00	4.51	4.00	3.40	4.00	+
Matchmaker Medicated	23.44	22.00	4.78	4.00	3.35	4.00	+
Medicated Defender	18.75	16.00	4.13	3.50	3.88	4.50	+
Medicated Defender	17.38	16.00	4.53	3.50	3.86	4.50	+
Medicated Minuteman	22.81	24.00	5.95	5.00	3.41	4.00	
Medicated Minuteman SQ	19.06	16.00	4.35	3.50	3.49	4.50	+
Medicated Sentinel	18.13	16.00	4.37	3.50	3.88	4.50	
Medicated Turkey Starter F	32.75	28.00	4.66	3.00	3.47	3.50	+
Milkerpels 16	17.19	16.00	4.32	3.50	6.39	8.00	
Milkerpels 16	17.06	16.00	4.46	3.50	7.36	8.00	
Milkerpels 16	17.38	16.00	4.63	3.50	7.73	8.00	
Milkerpels 16	18.31	16.00	4.81	3.50	7.08	8.00	
Milkerpels 20	20.94	20.00	4.34	3.00	6.96	8.00	
Milkmore	18.44	16.00	3.66	3.00	6.82	8.50	
Milkmore	19.06	16.00	3.60	3.00	6.65	8.50	
Milkmore	18.44	16.00	3.43	3.00	6.51	8.50	
Milkmore	17.81	16.00	3.97	3.00	7.80	8.50	
Milkmore	19.38	16.00	4.11	3.00	7.21	8.00	
Pacemaker Medicated	21.31	20.00	4.77	4.00	3.34	4.00	+
Pacemaker Medicated	20.94	20.00	4.77	4.00	3.11	4.00	+
Pacemaker Medicated	23.13	20.00	4.60	4.00	3.07	4.00	+
Pel-22 Medicated	22.19	22.00	3.64	2.50	4.46	4.50	+
Pel-Gro Medicated	16.88	14.00	3.97	3.00	4.13	5.00	+
Pel-Gro Medicated	17.94	14.00	4.45	3.00	3.90	5.00	+
Pork Builder	16.56	14.00	4.13	3.00	3.14	3.50	
Pork Finisher Mix	46.88	44.00	1.90	0.50	3.19	3.50	
Pork Gainer Medicated	18.13	16.00	4.34	4.50	2.68	3.50	+
Pork Gainer Medicated	19.19	16.00	5.01	4.50	2.31	3.50	+
Pork Gainer Medicated	20.06	16.00	4.98	4.50	2.44	3.50	+
Pork Gainer Medicated	16.94	16.00	5.47	4.50	2.78	3.50	+
Porkmix	41.56	40.00	2.46	1.50	4.24	5.50	
Porkmix	42.81	40.00	2.81	1.50	4.68	5.50	
Pork Primer Medicated	19.69	18.00	8.03	8.00	2.11	2.50	+
Pork Primer Medicated	20.31	18.00	7.77	8.00	1.96	2.25	+
Protek F-Medicated	17.50	16.00	4.10	3.50	3.29	4.00	+
Roaster Finisher Medicated	18.31	16.00	3.69	3.50	2.45	4.00	+
Supmix	40.00	36.00	2.92	1.50	6.22	7.50	
Supmix	37.19	36.00	2.16	1.50	6.95	7.50	
Supmix	36.56	36.00	2.80	1.50	7.37	7.50	
Supmix	36.88	36.00	2.55	1.50	7.00	7.50	
Supmix	38.00	36.00	2.08	1.50	5.62	7.50	
Supmix	36.25	36.00	2.52	1.50	7.57	8.00	
Supmix	37.13	36.00	2.40	1.50	8.22	7.50	
Supmix	36.22	36.00	2.68	1.50	7.05	8.00	
Supmix	37.50	36.00	2.75	1.50	8.01	8.00	
Sweepstakes	16.44	16.00	3.08	3.00	6.38	8.50	
Sweepstakes	16.21	16.00	3.42	3.00	7.35	8.50	
Sweepstakes	16.94	16.00	3.37	3.00	6.93	8.00	
Tastibulk	11.04	9.50	2.61	2.50	8.14	10.50	
Tastibulk	12.97	9.50	2.72	2.00	7.21	10.00	
Tastibulk	12.19	9.50	2.96	2.00	7.48	10.00	
Trim-Maker	18.25	15.00	5.16	3.50	8.68	11.00	
Turkey Breeder	17.19	16.00	4.17	3.00	3.57	4.00	
Turkey Grower	22.50	20.00	4.25	3.50	3.73	4.50	
Turkey Grower-C Medicated	20.88	20.00	4.72	3.50	3.03	4.50	+

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Ebersole Brothers Bainbridge, Pa.							
Meat & Bone Scrap	50.06	50.00	9.61	6.00	2.37	3.00	
Eby's Mill, Inc. Lititz & R. D., Manheim, Pa.							
All Mash Layer	*16.13	17.00	4.51	4.50	2.03	3.50	
Dairy Milk Ration	15.33	14.00	2.82	2.50	5.13	9.50	
0.0011% Diethylstilbestrol in Home Steer Concentrate 764K-37A	33.31	32.00	3.07	1.50	11.53	13.00	+
Eckhart Milling Company Chicago, Ill.							
Wheat Bran	15.63	14.00	3.73	3.50	8.58	12.00	
Wheat Bran	14.69	14.00	3.92	3.50	8.15	12.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	16.25	15.00	3.66	4.00	8.13	9.50	
J. C. Ehrlich Chemical Company, Inc. Reading, Pa.							
Wild Bird Food	11.44	10.00	3.82	3.00	7.92	9.00	
g In l Pet Products, Inc. Long Island City, N. Y.							
#Hamster Food	11.25	12.00	5.17	4.00	*9.31	8.00	
#Hamster Treat	25.69	12.50	5.19	2.50	2.97	24.00	
Elizabeth Milling Company Elizabeth, Pa.							
All Mash Pullet Grower Medicated	18.75	16.50	3.22	3.50	6.40	6.00	5
Chick Starter Medicated	21.00	20.00	2.91	2.50	4.46	5.00	5
Egg Mash	20.19	20.00	3.11	2.50	5.31	6.50	
Egg Mash	21.88	20.00	3.09	2.50	5.30	6.50	
Hi-Calorie All Mash Layer	18.75	16.50	2.79	3.00	3.33	3.50	
Hi-Calorie All Mash Layer	17.50	16.50	2.70	3.00	3.89	3.50	
Mixed Grains	10.00	9.00	3.49	2.50	2.50	7.00	
Pig & Hog Feed	15.94	14.00	3.33	3.00	4.95	5.00	
Pig & Hog Feed	18.44	14.00	3.98	3.00	6.14	5.00	
Wild Bird Food	10.63	11.00	5.15	4.00	4.93	9.00	
E.L.M. Feed Stores Greencastle & St. Thomas, Pa.							
Free Choice Cattle Supplement	15.00	14.00	*2.02	3.00	5.77	5.00	
Hog Ration	*14.06	15.00	2.98	3.50	5.05	9.00	
Sure Curl Pig Meal	17.81	18.00	3.10	3.00	5.22	7.00	
Elverson Supply Company Elverson, Pa.							
All Mash Grower Ration Medicated	17.31	16.00	3.45	2.50	4.11	5.00	17a
All Mash Grower Ration Medicated	18.75	16.00	3.31	2.50	3.75	5.00	+
Chick Starter Medicated	21.38	20.00	4.14	3.00	4.21	5.00	+
#Dairy Ration	19.13	16.00	2.52	2.00	6.27	8.00	
Fitting Ration	13.56	12.00	2.50	2.00	11.21	9.00	
Hog Developer	16.88	13.00	3.44	3.00	3.18	3.00	
Horse Feed	10.84	10.00	3.11	3.00	8.36	8.00	
Emco Mills Emlenton, Pa.							
Corn & Oats Chop	10.94	9.50	3.77	2.50	6.46	7.50	
Corn & Oats Chop	11.56	9.50	3.30	2.50	4.43	7.50	
Eggmaker	21.13	20.00	3.99	3.50	4.67	7.00	
Eggmaker	21.88	20.00	3.19	3.50	4.57	7.00	
14% Porkmaker	15.63	14.00	3.24	3.00	3.90	5.00	
14% Porkmaker	15.00	14.00	3.77	3.00	4.90	5.00	
Starter & Grower	21.25	20.00	4.00	3.50	5.55	7.00	
Samuel Entrot & Son Forest City, Pa.							
16% Dairy Ration	18.75	16.00	4.39	3.00	5.79	6.00	
18% Dairy Ration	19.81	18.00	4.50	3.00	6.19	6.00	
Erie-Crawford Dairy Cooperative Assn. Erie, Pa.							
Chop Feed	15.31	9.00	4.41	3.00	6.72	10.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Erie-Crawford Dairy Cooperative Assn. - Continued							
Chop Feed	13.00	9.00	3.13	3.00	6.70	10.00	
Chop Feed	13.44	9.00	3.18	3.00	7.49	10.00	
Dairy Feed	19.69	18.00	3.39	3.50	7.79	10.00	
Dairy Feed	18.75	18.00	3.88	3.50	6.90	10.00	
Dairy Feed	19.25	18.00	3.81	3.50	7.30	10.00	
Dairy Feed	19.69	18.00	3.96	3.50	6.73	10.00	
Dairy Feed	17.38	18.00	3.96	3.50	7.71	10.00	
Hog Feed	19.38	16.00	3.40	3.00	9.04	10.00	
Hog Feed	20.31	16.00	4.27	3.00	6.63	10.00	
Hog Feed	18.25	16.00	4.34	3.00	5.90	10.00	
Hog Feed	20.00	16.00	4.11	3.00	5.93	10.00	
Mash	20.44	18.00	4.36	3.00	6.61	10.00	
Mash	19.38	18.00	4.18	3.00	7.30	10.00	
Mash	20.31	18.00	3.94	3.00	6.89	10.00	
Scratch Feed	9.25	9.00	*2.31	3.00	6.80	8.00	
Erie Reduction Company							
Erie, Pa.							
Meat & Bone Meal	44.81	45.00	18.83	10.00	2.12	2.00	
John W. Eshelman & Sons							
Lancaster, Pa.							
Beef Cattle Supplement	33.14	32.00	1.80	2.00	3.45	9.50	
Brewers Dried Grains	26.25	24.00	5.51	5.00	14.35	15.00	
Complete Laying Ration	17.81	16.00	4.58	4.00	4.44	5.00	
Complete Laying Ration	18.13	16.00	5.14	4.00	5.07	5.00	
Corn Gluten Feed	22.00	21.00	2.03	1.00	8.68	10.00	
50% Dehulled Soybean Meal, Solvent Extracted	50.19	50.00	1.13	0.50	3.10	3.00	
#Egg Maker	18.13	16.00	5.66	4.00	6.65	6.50	
Game Bird Starter	25.94	26.00	5.40	5.00	3.73	5.00	
Ground Corn	8.44	8.00	3.85	3.00	2.00	3.00	
Growing Mash	23.44	20.00	4.36	4.00	5.11	7.00	
Hog Supplement	42.19	40.00	3.93	3.50	5.29	7.50	
Lancaster 16 Dairy Feed	20.00	16.00	3.11	2.50	12.08	13.05	
Lancaster 16 Dairy Feed	18.56	16.00	3.28	2.50	13.30	13.50	
Lancaster 20 Dairy Feed	22.00	20.00	2.55	2.50	11.17	13.00	
Lancaster Horse Pellets	12.81	11.00	2.54	2.00	17.73	18.00	
Lancaster Horse Pellets	11.63	11.00	3.10	2.00	17.47	18.00	
Lancaster Horse Pellets	11.88	11.00	2.88	2.00	17.59	18.00	
Lancaster 42% Mixing Supplement	40.31	42.00	2.32	1.00	6.97	8.00	
Lancaster 42% Mixing Supplement	45.94	42.00	2.30	1.00	6.49	8.00	
Lancaster Scratch Grain	9.06	9.00	3.81	2.00	2.90	4.00	
Pennsy Complete Laying Ration	19.38	16.00	3.78	3.00	5.62	7.00	
Pennsy 16 Dairy Feed	17.81	16.00	2.78	2.50	13.68	15.00	
Pigeon Feed	15.31	12.00	2.72	3.00	3.56	4.00	
Private Blend Dog Food	26.50	23.00	8.06	6.00	3.85	5.50	
Red Rose Beef Cattle Supplement	34.32	32.00	2.05	2.00	7.72	9.50	
Red Rose Chick Grains	9.88	9.00	2.79	2.00	1.54	3.00	
Red Rose Chick Grains	10.00	9.00	2.11	2.00	1.26	3.00	
Red Rose Chick Starter Medicated	24.00	22.00	4.34	4.00	5.19	4.50	+
Red Rose Chick Starter Medicated	25.63	22.00	4.07	4.00	4.97	4.50	+
Red Rose Complete Growing Ration	18.44	16.00	4.02	4.00	5.69	6.00	
Red Rose Complete Laying Ration	17.81	16.00	4.62	4.00	4.69	5.00	
Red Rose Complete Laying Ration	16.25	16.00	5.25	4.00	3.65	5.00	
Red Rose Complete Laying Ration	17.50	16.00	4.03	4.00	4.08	5.00	
Red Rose Complete Laying Ration	17.50	16.00	4.31	4.00	4.90	5.00	
#Red Rose Complete Turkey Finisher Medicated	16.94	16.00	3.82	4.00	4.65	5.50	+
Red Rose 16 Dairy Feed	17.50	16.00	3.39	3.50	7.51	9.50	
Red Rose 20 Dairy Feed	23.44	20.00	3.26	3.00	8.44	9.50	
Red Rose 32% Dairy Supplement	33.13	32.00	2.33	2.00	8.16	9.00	
Red Rose 32% Dairy Supplement	33.97	32.00	1.91	2.00	7.50	9.00	
Red Rose 32% Dairy Supplement	31.90	32.00	2.02	2.00	8.40	9.00	
Red Rose 32% Dairy Supplement	31.31	32.00	1.82	2.00	9.74	9.00	
Red Rose 32% Dairy Supplement	35.36	32.00	*1.53	2.00	7.64	9.00	
Red Rose 32% Dairy Supplement	32.16	32.00	1.91	2.00	8.88	9.00	
Red Rose Dog Nuggets	24.69	24.00	11.33	6.00	3.58	3.50	
Red Rose Dog & Puppy Food	26.56	23.00	7.22	7.00	3.28	4.50	
Red Rose Fitting Ration	15.50	12.00	3.36	3.50	8.43	8.50	
Red Rose Ground Corn & Oats	10.00	10.00	4.10	3.00	4.54	9.00	
Red Rose Ground Corn & Oats	10.13	9.00	4.01	3.00	4.71	9.00	
Red Rose Ground Corn & Oats	10.63	9.00	4.00	3.00	5.13	9.00	
Red Rose Horse Feed	10.16	9.00	2.95	3.00	3.79	8.00	
Red Rose Horse Feed	9.25	9.00	2.71	3.00	3.23	8.00	
Red Rose Intermediate Chick Grains	9.69	9.00	2.65	2.00	1.53	3.00	
Red Rose Laying Mash	21.56	20.00	4.35	4.00	5.03	5.50	
Red Rose Laying Mash	22.19	20.00	4.30	4.00	5.40	5.50	
Red Rose Laying Mash	22.81	20.00	4.30	4.00	6.02	5.50	
Red Rose Laying Mash	21.00	20.00	4.61	4.00	4.15	5.50	
	Calcium		Phosphorus		Salt		
Red Rose Livestock Mineral	28.30	30.00	4.02	4.00	17.97	18.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
John W. Eshelman & Sons - Continued							
Red Rose Pig & Sow Meal	17.81	16.00	3.95	3.50	5.43	6.00	
Red Rose Pig & Sow Supplement	37.81	35.00	4.56	3.50	5.58	7.50	
Red Rose Pigeon Feed	*11.25	12.00	2.75	3.00	2.84	4.00	
Red Rose Pigeon Feed	13.75	12.00	*2.45	3.00	2.62	4.00	
Red Rose Poultry Supplement	38.44	36.00	4.90	5.00	7.55	8.00	
Red Rose Poultry Supplement	37.00	36.00	6.31	5.00	5.20	8.00	
Red Rose Poultry Supplement	40.31	36.00	7.71	7.00	4.85	7.50	
Red Rose Poultry Supplement	35.00	36.00	7.94	7.00	4.28	7.50	
Red Rose Rabbit Pellets	18.63	16.00	4.78	2.50	13.65	15.50	
Red Rose Rabbit Pellets	17.81	16.00	4.20	2.50	11.95	15.50	
Red Rose Rabbit Pellets	17.19	16.00	3.58	2.50	11.55	15.50	
Red Rose Rabbit Pellets	17.19	16.00	3.62	2.50	11.33	15.50	
Red Rose Scratch Grain	9.69	9.00	2.99	2.00	2.86	4.00	
Red Rose Starter-Broiler Supplement Medicated (118-G)	45.63	42.00	9.83	8.50	3.86	4.50	+
S-O-S	12.50	11.00	2.42	2.00	15.18	16.00	
44% Soybean Meal, Solvent Extracted	48.56	44.00	0.83	0.50	5.68	7.00	
W. H. Eshelman Smithburg, Md.							
Complete Laying Ration	18.75	17.00	5.00	3.00	2.64	3.00	
Complete Laying Ration	17.81	17.00	4.64	3.00	2.81	3.00	
Growing Ration Medicated	18.31	17.00	4.88	3.00	2.52	3.00	+
Pig & Hog Feed	16.25	15.50	3.81	4.00	6.02	6.90	
Pig & Hog Feed	16.69	15.50	3.71	4.00	*7.94	6.90	
Everett's G.L.F. Service Gilbert, Pa.							
14% Hog Grower	15.06	14.00	3.09	3.00	4.19	6.00	
40% Hog Supplement	41.25	40.00	4.35	2.00	6.65	8.00	
37% Poultry Supplement	40.50	37.00	3.84	2.50	8.24	8.00	
J. B. Ewing & Sons Orbisonia, Pa.							
Complete Growing Ration	17.75	16.00	4.17	4.00	5.06	7.50	
Complete Laying Ration	17.81	16.00	3.77	4.00	3.32	6.00	
15% Dairy Feed	14.69	15.00	3.25	3.00	7.98	8.00	
Hog Finisher	15.31	14.00	3.51	3.50	2.37	5.00	
Hog Finisher	14.38	14.00	3.55	3.50	2.60	5.00	
Fairway Milling & Grain Company, Ltd. St. Boniface, Manitoba, Canada							
#Ground Flax Screenings	16.88	15.00	13.00	10.00	12.75	17.00	
#Ground Flax Screenings	14.75	15.00	10.06	9.00	20.57	17.00	
Ground Flax Screenings	17.88	15.00	14.48	9.00	11.91	17.00	
Ground Flax Screenings	15.00	15.00	10.22	9.00	13.90	17.00	
Ground Flax Screenings	15.31	15.00	9.70	9.00	16.42	17.00	
Farm Bureau Cooperative Association, Inc. Columbus, Ohio							
Dehydrated Alfalfa Meal w/Ethoxyquin	18.44	17.00	3.05	1.50	23.65	27.00	
Dehydrated Alfalfa Meal w/Ethoxyquin	19.06	17.00	3.47	1.50	19.81	27.00	
Farmers' Cooperative Association of New Jersey, Inc. Trenton, N. J.							
#Standard Wheat Middlings	16.25	16.00	4.06	4.00	7.46	9.00	
Farmers Cotton Oil Company Wilson, N. C.							
41% Cotton Seed Meal	*38.44	41.00	3.94	3.00	12.97	13.00	
41% Cotton Seed Meal	44.38	41.00	3.74	3.00	13.03	14.00	
Farmers Feed Company Brooklyn, N. Y.							
Brewers Dried Grains	30.75	26.00	7.66	6.00	12.01	17.00	
Brewers Dried Grains	26.88	26.00	7.60	6.00	13.43	17.00	
Farmers's Friend Mineral Company Napoleon, Ohio							
	Calcium		Phosphorus				
Min-Raltone Concentrate for All Four-Footed Animals	33.78	34.00	10.91	11.00			

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Fawcett Company Enon Valley, Pa.							
Mash Concentrate	31.88	32.00	4.19	3.00	7.78	10.00	
Feed-Mor Products Company Hagerstown, Md.							
Meat Meal	51.88	50.00	10.67	5.00	2.00	4.00	
Fehnel's Feed & Grain Service Bath, Pa.							
16% Dairy Feed	17.19	16.00	2.91	2.50	8.67	10.00	
Hog Feed	*12.81	14.00	2.87	3.00	*11.55	5.00	
Laying Mash	20.00	20.00	4.06	2.50	5.58	6.50	
Ferneau Grain Company Blanchester, Ohio							
Corn Distillers Dried Grains	27.81	25.00	7.75	5.00	12.51	15.00	
B. B. Figley & Son Burgettstown, Pa.							
15% Sow & Pig Feed	14.63	15.00	3.79	4.00	4.45	7.00	
15% Sow & Pig Feed	14.81	15.00	3.45	4.00	5.75	7.00	
Fish Products Company Lewes, Del.							
Fish Meal	63.75	60.00	9.97	5.00	0.60	3.00	
Fish Products Company Tuckerton, N. J.							
Fish Meal	65.63	60.00	8.90	5.00	0.17	3.00	
Fisher & Son Company, Inc. Malvern & Lincoln University, Pa.							
Complete Horse Feed (Pellets)	*11.06	12.50	2.23	1.50	22.05	25.00	
16% Dairy Feed	15.63	16.00	2.54	2.50	8.97	9.50	
36% Dairy Feed	35.94	36.00	2.09	2.00	9.42	7.00	
Race Horse Special Feed	*10.75	12.00	3.42	2.00	6.26	11.00	
Fleagle's Supply Service Somerset, Pa.							
Corn & Oats Chop	9.50	10.00	3.52	2.50	5.08	8.00	
16% Dairy	18.75	16.00	3.60	2.50	7.80	8.00	
32% Dairy Mix Sup-Mate	32.00	32.00	2.55	2.50	*10.25	9.00	
Horse & Mule	9.56	10.00	3.49	2.50	7.46	8.00	
Pork Maker	14.38	12.00	4.11	3.50	6.40	8.00	
Florida Citrus Cannery Cooperative Lake Wales, Fla.							
Dried Citrus Pulp	6.88	6.00	4.49	2.00	12.87	16.00	
Dried Citrus Pulp	6.88	6.00	5.29	2.00	12.02	16.00	
Dried Citrus Pulp	7.38	6.00	5.57	2.00	13.16	16.00	
Dried Citrus Pulp	7.31	6.00	4.75	2.00	12.23	16.00	
Dried Citrus Pulp	7.19	6.00	5.54	2.00	13.43	16.00	
Flory Brothers Lancaster, Pa.							
Winter Wheat Middlings	15.31	15.00	3.54	3.00	3.82	7.00	
Flory Milling Company Bangor, Pa.							
All Age Dog Food	26.25	25.00	6.75	5.00	3.76	5.00	
Chick Starter (U) Medicated	23.75	22.00	4.57	4.00	3.58	4.50	
Golden Egg Layer	21.88	21.00	4.84	4.00	4.41	6.00	
Grow & Egg	19.06	16.00	3.95	3.50	5.28	5.50	
Grow & Egg	18.13	16.00	4.49	3.50	5.49	5.50	
Hi-Efficiency	19.69	16.00	4.02	4.00	5.28	5.00	
Hog Concentrate	36.88	35.00	4.01	3.00	6.97	7.00	
Hog Concentrate	35.31	35.00	4.34	3.00	6.50	7.00	
Milk-Flo 16	17.19	16.00	*2.24	3.50	8.89	8.50	
30% Mobile Concentrate	*24.81	30.00	3.77	2.50	*12.39	10.00	

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MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Flory Milling Company - Continued							
40% Mobile Concentrate	*35.75	40.00	2.59	2.00	9.92	10.00	
Rabbit Pellets	20.13	17.00	4.47	2.50	11.93	15.00	
Scratch Feed	9.88	9.00	2.60	2.50	1.98	7.00	
#Turkey Grower Medicated	22.19	20.00	4.30	4.00	4.40	5.50	+
Floyd's Feed Service Philadelphia 42, Pa.							
"C" Breeding-Flying Pigeon Feed	15.00	14.00	2.62	2.50	2.93	5.00	
"C" Breeding-Flying Pigeon Feed	15.31	14.00	3.00	2.50	3.59	5.00	
"E" Economy Pigeon Feed	11.25	11.00	3.04	3.00	2.29	5.00	
"YBR" Young Bird Racing Pigeon Feed	13.28	14.50	3.17	3.00	3.77	5.00	
Food Basket Phillipsburg, N. J.							
#Gravy Style Dog Food	26.25	24.00	7.69	7.00	4.66	5.00	
Ford & Palmer Chester, Pa.							
Pigeon Feed	13.63	13.25	2.77	2.50	3.08	4.50	
Special No. 2 Pigeon Feed	15.63	14.50	2.85	2.50	3.66	4.50	
Foremost Dairies, Inc. Industrial Division Burlingame, Calif.							
Peebles' M-N-C	16.88	14.00	*0.13	1.00	0.08	--	
R. S. Fought & Sons Hughesville, Pa.							
Corn & Oats Chop	11.25	9.00	4.08	3.50	5.42	8.00	
Corn & Oats Chop	11.25	9.00	3.16	3.50	5.85	8.00	
Dog Food Pel-Etts	27.50	26.00	6.24	6.00	4.06	4.50	
Growing Mash Medicated	17.50	18.00	3.94	3.50	6.00	7.00	+
Laying Mash	20.31	20.00	4.55	2.50	4.75	6.50	
Pig & Hog Ration	*14.69	17.00	3.89	3.00	5.20	6.50	
Pig & Hog Ration	15.63	16.00	3.85	3.00	5.47	6.50	
Fowler Farm Service, Inc. Franklin, Pa.							
Check-R-Mix Chop Feed C	10.94	9.50	4.06	3.50	6.24	8.00	
Check-R-Mix 20% Dairy Feed L	20.00	20.00	2.91	2.00	10.75	10.00	
Check-R-Mix 20% Dairy Feed L	21.25	20.00	2.93	2.00	6.79	10.00	
Check-R-Mix Laying Mash A	20.00	18.00	4.17	3.00	5.10	7.50	
Check-R-Mix Laying Mash A	21.38	18.00	4.29	3.00	6.16	7.50	
Check-R-Mix Pig Grower SD	16.88	16.00	3.91	2.50	6.24	6.00	
Check-R-Mix Pig Grower SD	16.25	16.00	3.20	2.50	6.23	6.00	
Fredonia Milling Company, Inc. Fredonia, Pa.							
Chick Starter	23.75	20.00	3.25	2.50	5.20	7.00	
18% Dairy Feed	18.44	18.00	2.91	2.00	9.31	9.00	
#Growing Mash	23.13	18.00	3.24	3.00	5.27	6.00	
Horse Feed	13.13	10.00	3.25	3.00	7.11	11.00	
E. K. Freed & Son Liverpool, Pa.							
Check-R-Mix Laying Feed (All Mash) SN	18.44	16.00	3.88	3.00	4.15	5.00	
40% Hog Concentrate	40.31	40.00	7.86	4.50	7.30	8.00	
Friends, Inc. Chicago 50, Ill.							
#Wild Bird Food	12.25	12.00	5.10	5.00	7.09	11.00	
Froedtert Malt Corporation Milwaukee, Wis.							
Malt Sprouts	31.06	24.00	1.14	1.00	10.69	16.00	
Fruen Milling Company Minneapolis, Minn.							
All-Purpose Thrift Crumbles	12.25	12.50	4.09	4.50	15.09	16.00	
Ground Heavy White Oats	10.63	11.00	2.40	3.50	12.23	12.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Fryburg Roller Mills							
Fryburg, Pa.							
Egg Mash	23.13	22.00	3.18	3.50	5.68	6.50	
Egg Mash	23.44	22.00	3.83	3.50	5.12	6.50	
Furry's Mill							
Loysburg, Pa.							
Chick Mash Medicated	19.38	20.00	4.39	3.50	3.87	5.50	7a
14% Dairy Feed	15.94	14.00	2.91	3.00	6.00	10.00	
14% Dairy Feed	14.28	14.00	2.80	3.00	6.20	10.00	
Economy Egg Mash	20.13	20.00	3.80	3.50	2.91	5.50	
Hog Feed Medicated	14.69	14.00	3.87	3.50	3.31	6.00	+
Hog Feed Medicated	15.13	14.00	4.25	3.50	3.70	6.00	+
35% Hog Supplement Medicated	35.81	35.00	4.24	4.00	4.70	9.00	+
Pig Meal Medicated	18.13	18.00	4.06	3.50	3.92	6.00	+
32% Protein Dairy Mix	32.19	32.00	1.24	2.00	5.20	9.00	
Gehman Feed Mill, Inc.							
Denver, Pa.							
All Mash Grower Medicated	18.75	15.00	4.17	4.50	4.05	5.50	+
16% Dairy Feed	15.91	16.00	3.94	3.00	4.99	8.00	
22% Turkey Grower	23.88	22.00	6.06	4.50	2.72	4.50	
Geho & Son							
Emmaus & Barto, Pa.							
Check-R-Mix Hog Finisher No. 2 (D)	13.75	12.00	4.49	2.50	4.71	6.50	
Check-R-Mix Laying Mash LK	21.81	22.00	5.11	3.50	6.98	7.00	
General Feed & Supply							
Washington, Pa.							
Corn & Oats Chop	9.06	9.00	3.38	2.50	6.65	7.00	
Hog Feed	16.56	14.00	3.47	3.00	8.34	8.00	
Hog Feed	15.56	14.00	3.96	3.00	5.87	8.00	
General Foods Corporation							
Kankakee, Ill.							
Gaines Gravy Train for Dogs	25.63	23.00	10.89	7.00	4.42	5.00	
Gaines Meal	26.38	25.00	9.66	7.00	4.64	5.00	
General Mills, Inc.							
Minneapolis, Minn.							
Purity Oat Mill By-Products	2.63	3.00	*0.57	1.00	32.47	32.00	
#Washburn's Gold Medal Wheat Bran	15.63	15.00	4.26	3.00	11.10	12.00	
Wheat Bran w/Ground Wheat Screenings	15.94	15.00	4.44	3.00	10.92	12.00	
Wheat Bran w/Ground Wheat Screenings	15.31	15.00	4.21	3.00	10.96	12.00	
Wheat Bran w/Ground Wheat Screenings	15.63	15.00	3.84	3.00	10.53	12.00	
Wheat Bran w/Ground Wheat Screenings	15.31	15.00	4.13	3.00	9.91	12.00	
Wheat Red Dog	17.81	16.00	4.74	3.50	3.32	4.00	
H. W. Glassmyer							
Landisville, Pa.							
Coarse Ground White Oats	9.94	10.00	2.95	2.50	13.75	15.00	
Glenelg Dehydrators							
Ellicott City, Md.							
Dehydrated Alfalfa Meal w/2% Animal Fat w/ Ethoxyquin	19.06	17.00	3.95	1.75	27.08	27.00	
L. A. Glessman, Inc.							
Conneautville, Pa.							
32% Dairy Concentrate	35.94	32.00	1.77	1.00	6.67	7.00	
16% Dairy Feed	16.56	16.00	2.74	3.00	7.05	9.50	
20% Laying Mash	21.25	20.00	4.65	4.00	5.40	6.50	
Pig Grower Ration	14.69	14.00	4.33	3.75	5.59	6.50	
W. M. Golden & Son							
Springville, Pa.							
Calf Grower	17.94	16.00	3.33	3.50	5.40	8.00	
Complete Layer	17.19	17.00	4.55	3.50	2.89	4.00	
14% Fitting Ration	15.29	14.00	3.28	3.50	5.72	9.00	
Super Test Ration	17.35	16.00	4.06	4.50	6.09	8.00	
Ultra-Lifed Calf Grower	18.75	16.00	4.24	3.75	6.05	8.00	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Harold H. Good Terre Hill, Pa.							
22% Breeder Mash	*20.75	22.00	5.89	3.00	4.74	6.00	
20% Egg Mash	20.56	20.00	5.54	3.00	5.25	6.00	
Joseph M. Good & Sons Leola & Quarryville, Pa.							
32% Dairy Dry & Fresh	33.00 13.92	32.00 12.00	2.09 3.36	2.50 2.50	8.70 6.30	8.50 8.00	
Good Eatin' Dog Food Company Division of Thrivo Company, Inc. Philadelphia, Pa.							
Cap'n Dog Food	7.64	8.00	1.94	2.00	0.86	1.50	
Dart Dog Food	7.91	8.00	1.31	1.50	0.79	1.50	
C. L. Goodman Port Royal, Pa.							
16% Dairy Feed	16.38	16.00	3.00	2.50	7.76	11.00	
16% Dairy Feed	17.08	16.00	2.63	2.50	7.70	11.00	
16% Hog Feed	18.06	16.00	3.86	3.00	6.90	8.00	
Ultra-Lifed Growing Mash	20.13	18.00	4.30	4.00	5.36	7.00	
Ultra-Lifed Hi-Energy All Mash Layer	16.25	16.50	4.55	4.00	2.66	4.75	
Ultra-Lifed 20% Laying Mash	21.50	20.00	4.50	4.00	5.01	6.00	
Ultra-Lifed 20% Laying Mash	21.31	20.00	4.25	4.00	4.59	6.00	
Good's City Mills, Inc. Williamsport, Pa.							
16% Dairy Feed	16.81	16.00	3.35	3.00	7.98	10.00	
16% Dairy Feed	17.01	16.00	*2.37	3.00	7.00	10.00	
Good-Mash Laying Mash	20.31	20.00	4.53	4.00	6.05	8.00	
Good-Mash Laying Mash	20.94	20.00	4.30	4.00	7.32	8.00	
Hog Meal	17.50	16.00	3.85	3.50	6.25	10.00	
Wheat Bran	14.06	14.00	3.68	3.50	10.88	11.00	
Wheat Middlings	15.19	14.00	4.26	3.50	4.42	6.50	
Wheat Middlings	15.63	14.00	4.17	3.50	5.40	6.50	
Wheat Middlings	15.63	14.00	3.97	3.50	6.03	6.50	
Wheat Middlings	14.38	14.00	3.94	3.50	5.50	6.50	
Wheat Middlings	15.06	14.00	4.15	3.50	4.85	6.50	
S. H. Goss, Inc. Lewistown, Pa.							
16% Dairy Ration	22.63	16.00	*2.35	3.00	6.20	10.00	
Graber Mills, Inc. Canton, Ohio							
Wheat Middlings w/Ground Screenings N.E.M.R.	15.00	14.00	3.85	3.00	6.87	10.00	
I. B. Graybill & Son, Inc. Strasburg, Pa.							
18% Grower Mash	19.25	18.00	3.45	3.50	3.42	6.50	
14% Hog Grower & Fattener	16.56	14.00	3.36	3.50	5.14	7.00	
The Great Atlantic & Pacific Tea Company New York, N. Y.							
Daily Dog Food	12.16	12.00	3.49	3.00	0.75	1.50	
Daily Dog Food	12.34	12.00	4.10	3.00	0.87	1.50	
Green Acre Farms Nazareth, Pa.							
17% Dehydrated Alfalfa Meal w/Ethoxyquin	21.75	17.00	3.34	2.00	21.61	27.00	
Grim's Poultry Supply R. D. 1, Sinking Spring, Pa.							
Hi-Efficiency 16% Growing Mash Medicated Layer Mash	16.25 16.56	16.00 16.00	3.52 2.99	3.50 3.00	4.04 3.45	5.00 4.00	+
Gro-Kote Company Santa Rosa, Calif.							
Slivers	45.31	45.50	5.34	3.15	*2.35	1.65	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Charles E. Grove & Sons Felton, Pa.							
Super Dog Food	26.56	24.00	7.10	6.00	3.11	4.00	
H. & C. Grove Lewisburg, Pa.							
All-Purpose Poultry Mash	17.19	17.00	4.38	3.00	5.33	6.50	
Hog Feed	15.31	15.00	4.12	3.50	4.98	7.00	
Grubb Supply Company Elizabethtown, Pa.							
Complete Growing Ration Medicated	15.81	16.00	3.43	3.00	4.29	8.00	17
16% Milk Maker	16.88	16.00	3.79	2.00	8.94	10.00	
32% Milk Maker	32.19	32.00	3.08	2.00	6.77	10.00	
Pep-Mix All Mash Layer	16.56	17.00	4.17	4.00	2.30	4.00	
Hadley Mill Hadley, Pa.							
Laymore Egg Mash	23.13	20.00	4.27	3.50	6.00	7.00	
Hales & Hunter Company Chicago, Ill.							
Complete Layer 15 Medicated	19.94	15.00	4.40	3.50	4.04	5.50	+
Complete Layer 15 Medicated	19.25	15.00	4.78	3.50	3.61	5.50	+
#Complete Layer 17 Medicated	17.81	17.00	4.81	3.50	3.41	5.50	+
0.001% Diethylstilbestrol Mixture in Pioneer Steer 32	34.38	32.00	2.55	1.00	8.23	8.00	+
Dry & Freshening	13.28	12.00	3.67	2.50	6.00	8.00	
Dry & Freshening	16.88	12.00	3.50	2.50	6.52	8.00	
Egg Concentrate	38.13	38.00	4.99	3.50	5.42	7.00	
Egg Concentrate	38.13	38.00	4.53	3.50	4.78	7.00	
Egg Concentrate	38.75	38.00	6.22	2.00	5.85	7.00	
Egg Concentrate	37.81	38.00	3.69	2.00	6.17	7.00	
Egg Concentrate	40.31	38.00	4.38	2.00	6.19	7.00	
Egg Mash Medicated	25.00	22.00	5.16	3.50	3.80	6.50	+
Gold-Flake 32 Dairy	34.06	32.00	1.86	1.00	6.60	7.00	
Gold-Flake 16 P & F Dairy	18.07	16.00	3.13	2.50	5.91	9.00	
Gold-Flake 16 P & F Dairy	18.32	16.00	2.85	2.50	6.33	9.00	
Gold-Flake 18 P & F Dairy	18.63	18.00	2.88	2.50	6.29	9.00	
#High Fiber Pullet Developer-Medicated	13.75	12.00	4.43	3.00	12.52	18.00	+
Hog Balancer Medicated	40.81	36.00	3.80	2.00	6.14	6.00	+
Hog Finisher Concentrate	41.38	40.00	2.42	1.00	4.55	5.00	
32% Milk Mixer	30.63	32.00	1.92	1.00	9.67	7.00	
32% Milk Mixer	33.44	32.00	2.91	1.00	7.62	7.00	
16 Milker	17.34	16.00	2.80	2.50	7.60	10.00	
Pasturmix 12	17.68	12.00	2.21	2.50	5.18	15.00	
Pasturmix 12	12.19	12.00	2.25	2.50	10.75	15.00	
Pig Grower Concentrate Medicated	44.69	42.00	3.04	2.00	4.79	5.00	+
Pig Grower Concentrate Medicated	42.50	42.00	2.81	2.00	4.22	5.00	+
Pig Grower Concentrate Medicated	46.25	42.00	3.52	2.00	3.00	5.00	+
Pig Grower Concentrate Medicated	45.94	42.00	3.20	1.00	5.20	5.00	+
Rabbit Pellets Medicated	18.44	16.00	3.74	2.00	10.93	15.00	+
Sow Concentrate	35.31	35.00	3.61	2.50	7.24	7.00	
Starter-Grower Concentrate Medicated	40.63	40.00	2.91	3.00	6.06	7.00	+
Steer 32	32.19	32.00	3.32	1.00	8.49	8.00	
Steer 32	31.88	32.00	2.51	1.00	3.21	8.00	
Sup-pel Dairy Supplement Pellets	19.38	18.00	2.94	3.00	8.22	8.00	
Turkey Grower 23	24.38	23.00	4.06	2.50	3.35	6.00	
Turkey Grower 23 Medicated	22.44	23.00	2.80	2.50	4.82	6.00	+
Vig-R-Calf Milk Replacer Medicated	22.01	21.00	7.91	8.50	0.32	0.50	
Haney Milling Company Danville, Pa.							
Egg Mash	21.56	20.00	3.73	2.50	3.63	7.00	
Pig Starter & Grower	17.50	17.00	3.58	3.00	5.83	8.00	
Pig Starter & Grower	17.19	17.00	4.01	3.00	6.12	8.00	
Harleysville Mill, Inc. Harleysville, Pa.							
Laying & Growing Ration	19.31	19.00	4.44	3.00	3.95	6.00	
Paul Harrigan & Sons, Inc. Bristol, Pa.							
50% Ground Bone & Meat Scrap	53.44	50.00	10.35	6.00	1.91	3.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Paul Harrigan & Sons, Inc. - Continued							
50% Ground Bone & Meat Scrap	53.44	50.00	11.00	6.00	1.39	3.00	
50% Ground Bone & Meat Scrap	52.50	50.00	13.06	6.00	2.33	3.00	
55% Bone & Meat Scrap	59.31	55.00	11.98	6.00	1.86	3.00	
55% Bone & Meat Scrap	55.75	55.00	*13.18	6.00	4.16	3.00	
Harrisville Milling Company Harrisville, Pa.							
Egg Mash	17.88	15.00	4.11	3.00	4.26	8.00	
Carl R. Hartman Lynnport, Pa.							
Egg Mash	22.19	20.00	4.01	3.50	3.90	6.50	
Pig & Hog Feed	15.94	15.00	3.50	3.00	4.77	6.00	
Hartsville Oil Mill Hartsville, S. C.							
41% Protein Cottonseed Meal, Solvent Extracted, Prime Quality	40.63	41.00	2.62	3.00	13.35	14.00	
41% Protein Cottonseed Meal, Solvent Extracted, Prime Quality	41.88	41.00	3.21	3.00	14.24	14.00	
Hartz Mountain Products Corporation New York, N. Y.							
Dog Kisses	28.13	26.00	35.70	25.00	1.44	4.00	
F. D. Hartzel's Sons Company Chalfont, Pa.							
Chick Starter	20.94	20.00	3.80	3.50	4.04	5.00	
Growing Mash	23.75	18.00	3.94	3.00	5.26	6.00	
Horse Feed	11.56	10.00	3.01	2.50	6.44	9.00	
Scratch Feed	9.81	10.00	2.43	2.25	3.21	5.00	
Hauck Feed & Supply Kutztown, Pa.							
Check-R-Mix Laying Mash R	20.00	18.00	4.65	3.00	5.85	8.00	
Check-R-Mix Sow & Pig Feed AT	16.56	15.00	3.09	2.50	5.43	8.00	
Hayward, Inc. Oak Harbor, Ohio							
#Dehydrated Alfalfa Meal w/Ethoxyquin	15.00	13.00	2.23	1.50	29.33	33.00	
Dehydrated Alfalfa Meal w/Ethoxyquin	15.31	15.00	2.88	1.80	27.76	30.00	
Dehydrated Alfalfa Meal w/Ethoxyquin	21.94	15.00	3.62	1.80	20.27	30.00	
Dehydrated Alfalfa Meal w/Ethoxyquin	17.81	17.00	3.22	1.75	26.03	27.00	
Heath's Mill Great Bend, Pa.							
16% Dairy Ration	17.31	16.00	4.81	3.50	8.27	10.00	
16% Dairy Ration	17.81	16.00	4.90	3.50	8.57	10.00	
20% Dairy Ration	*18.56	20.00	4.52	3.50	7.70	10.00	
20% Dairy Ration	19.44	20.00	4.64	3.50	8.71	10.00	
14% Fitting Ration	14.06	14.00	4.45	3.50	8.41	10.00	
14% Fitting Ration	13.75	14.00	4.70	3.50	7.98	10.00	
18% Patrons Dairy	16.88	18.00	4.79	3.50	7.70	10.00	
18% Patrons Dairy	18.13	18.00	5.56	3.50	8.29	10.00	
16% Super Test Food	16.32	16.00	6.03	4.50	7.08	8.50	
Hefty Milling Company Watsonstown, Pa.							
Rye Feed	16.50	16.00	2.85	3.00	4.66	5.00	
Rye Feed	*15.13	16.00	2.79	3.00	4.88	5.00	
H. J. Heinz Company Pittsburgh, Pa.							
Mixed Distillers Dried Grains	28.44	25.90	*8.25	10.10	18.54	19.20	
E. Musser Heisey & Son R. D. 2, Mount Joy, Pa.							
Breeder Layer All Mash Medicated	16.25	16.00	4.14	4.00	3.03	3.50	1
Breeder Layer Supplement Medicated	41.88	40.00	*4.86	6.00	5.25	5.50	+

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
L. E. Henninger & Son R. D. 1, Myerstown, Pa.							
Check-R-Mix Hog Finisher #1 (A)	15.00	14.00	3.45	2.50	3.94	6.00	
Check-R-Mix Sow Feed	16.13	14.00	2.73	2.50	3.49	6.00	
A. C. Henry, Inc. Seven Valleys, Pa.							
Chick Starter Medicated	22.50	20.00	3.93	4.00	3.51	5.50	
20% Dairy	19.38	20.00	3.31	2.00	6.75	7.00	
A. K. Hepler & Son R. D. 1, New Stanton, Pa.							
Dog Ration	25.94	24.00	5.59	4.50	3.54	6.00	
Herr Milling Company R. D. 1, Turbotville, Pa.							
All Mash Layer	18.00	16.00	4.76	4.00	2.91	3.00	
All Mash Layer	15.94	16.00	4.72	4.00	3.17	3.00	
Brood Sow Feed	17.50	15.00	4.81	4.00	5.86	7.00	
50% Dairy Concentrate	*45.45	50.00	2.46	2.00	4.96	6.00	
50% Dairy Concentrate	52.50	50.00	2.27	2.00	4.53	6.00	
16% Dairy Feed	18.13	16.00	3.13	3.00	8.38	10.00	
20% Dairy Feed	*18.69	20.00	3.95	2.50	7.53	9.00	
32% Dairy Feed	31.56	32.00	2.41	2.00	6.54	8.00	
32% Dairy Feed	34.06	32.00	2.40	2.00	7.05	8.00	
Half & Half Mash Concentrate	29.69	30.00	6.05	4.50	6.19	7.00	
Hog Concentrate	37.19	35.00	4.22	3.50	4.69	6.00	
20% Laying Mash	20.31	20.00	5.08	4.00	4.59	5.00	
Pig & Hog Meal	12.81	12.00	4.89	4.00	3.81	5.00	
Poultry Concentrate	32.81	34.00	4.58	4.00	3.93	4.00	
Poultry Concentrate	34.56	34.00	3.78	4.00	2.81	4.00	
John M. Herr Grantville & Jonestown, Pa.							
Egg Mash	21.38	20.00	4.21	3.50	4.53	7.00	
The Herrman-McLean Company Cleveland, Ohio							
Chop Feed	7.15	8.00	2.99	2.00	8.61	11.00	
16% Dairy Ration	15.17	16.00	3.08	2.00	8.40	11.00	
#Egg Mash	20.44	20.00	3.86	2.50	5.55	7.50	
#Growing Mash Medicated	23.00	17.00	3.54	3.00	6.37	8.00	
#14% Pork Maker	15.31	14.00	4.23	2.50	5.47	6.00	4
Hershbergers, Inc. Johnstown, Pa.							
Corn & Oats Chop	10.13	10.00	4.43	4.00	5.44	8.00	
Corn & Oats Chop	11.69	10.00	4.93	4.00	7.55	8.00	
Dog Food Meal	27.50	25.00	5.85	4.50	4.18	4.00	
Egg Mash	21.25	20.00	5.04	3.50	6.37	7.50	
Egg Mash	20.81	20.00	3.70	3.50	5.59	7.50	
Egg Mash	21.25	20.00	3.86	3.50	6.53	7.50	
Scratch Grain	10.31	10.00	3.51	2.50	3.15	5.00	
Scratch Grain	9.69	10.00	*2.20	2.50	2.18	5.00	
Hershey Brothers Reinholds, Pa.							
17% Egg Mash	20.31	17.00	4.44	4.00	4.89	5.00	
21% Egg Mash	24.38	21.00	4.98	4.50	5.10	6.00	
Wayne-Mix Pork Maker	14.38	12.00	3.73	3.00	3.81	5.00	
Wayne-Mix Sow & Pig Meal Medicated	16.56	15.00	3.77	3.00	3.92	6.00	+
Mark C. Hershey R. D. 5, Lebanon, Pa.							
Breeder Layer All Mash Medicated	17.19	16.00	3.93	4.00	2.85	3.50	+
Breeder Layer All Mash Medicated	17.50	16.00	4.06	4.00	2.77	3.50	+
J. B. Hertzfeld, Inc. Philadelphia 6, Pa.							
Breeding Feed	16.94	13.00	2.31	2.50	3.89	5.00	
Breeding Feed	*12.06	13.00	3.04	2.50	2.97	5.00	
Breeding Feed	14.69	13.00	2.92	2.50	3.38	5.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
J. B. Hertzfeld, Inc. - Continued							
Pigeon Feed	11.25	10.00	2.89	2.00	2.02	4.00	
Pigeon Feed	11.31	10.00	2.97	2.00	2.21	4.00	
Pigeon Feed	10.94	10.00	3.42	2.00	2.68	4.00	
Hespenheide & Thompson, Inc.							
York, Pa.							
37% Poultry Concentrate	40.00	37.00	3.44	2.75	4.34	4.00	
Premier 32 Dairy Mix	33.75	32.00	1.98	2.00	6.42	8.00	
Premier Hog Concentrate Medicated	36.75	35.00	2.82	3.00	6.44	6.00	+
Premier Turkey Starter Medicated	30.63	28.00	4.64	4.50	4.52	3.50	+
C. J. Hess							
Shade Gap, Pa.							
Egg Mash	18.44	17.00	4.16	4.00	5.90	5.50	
Egg Mash	18.13	17.00	4.35	4.00	*6.75	5.50	
Wheat Bran	16.56	14.00	3.53	2.50	9.10	12.50	
Wheat Bran	15.31	14.00	3.76	2.50	10.22	12.50	
Wheat Middlings	16.88	16.00	4.96	5.50	6.67	12.00	
John J. Hess II							
Intercourse, Pa.							
Hog Feed	13.44	13.00	3.32	3.00	3.03	7.00	
Horse Feed	12.69	10.00	3.79	3.00	7.18	10.00	
Laying Mash	17.94	16.00	2.59	3.00	4.44	6.00	
Winter Wheat Middlings	15.63	14.00	2.63	3.00	3.08	8.00	
Hi-Acres Concentrate, Inc.							
Orlando, Fla.							
Dried Citrus Pulp	6.88	6.00	3.49	2.50	11.37	12.00	
S. H. Hiestand & Company							
Salunga, Pa.							
A-M Layer Mash	18.75	16.50	4.23	4.00	3.44	6.00	
32% Dairy Concentrate	31.56	32.00	3.23	3.00	8.63	8.00	
Dairy Fitting Feed	14.38	13.00	4.35	2.50	8.86	9.50	
16% Dairy Ration	16.25	16.00	3.41	3.00	7.36	8.00	
0.0011% Diethylstilbestrol Mixture in Steer Supplement (S)	29.75	32.00	3.60	3.00	8.67	10.00	+
Laying Mash	22.19	22.00	4.39	3.50	4.00	7.00	
Hilliard Products, Inc.							
Lancaster, Pa.							
Dog Kiks	44.06	30.00	10.72	2.00	1.28	1.00	
Hines Feed Store							
Hollidaysburg, Pa.							
Corn & Oats Chop	10.75	9.00	3.59	3.50	6.16	10.00	
Egg Mash	16.56	16.00	3.37	3.50	4.86	5.00	
Scratch Feed	10.31	9.00	2.65	2.00	4.28	5.00	
Hinich Feed & Farm Supply							
Everett, Pa.							
Master Made All Mash Egg Mash	16.88	16.00	3.59	3.00	3.49	6.00	
Master Made 16% Dairy Feed	17.50	16.00	2.42	2.00	7.94	12.00	
Master Made Egg Mash	20.31	20.00	4.60	2.50	4.77	6.50	
Master Made Horse Feed	13.88	12.00	2.76	3.50	5.55	8.00	
Master Made Horse Feed	12.17	12.00	2.67	3.50	5.91	8.00	
Hinkle Farms							
Ottsville, Pa.							
Economy Mix Wild Bird Feed	10.38	9.50	4.19	3.50	4.02	7.00	
Wild Bird Feed	11.88	11.50	11.36	8.00	8.30	10.00	
Hoke Oil & Fertilizer Company							
Raeford, N. C.							
Cotton Seed Meal, Prime Quality	42.50	41.00	6.83	3.00	11.17	14.00	
Holly Sugar Corporation							
Colorado Springs, Colo.							
Dried Beet Pulp & Beet Molasses	9.06	8.00	0.40	0.30	16.09	20.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Holsopple Feed Mill Holsopple, Pa.							
Dairy Balancer	18.25	15.00	0.79	1.50	4.59	5.00	
16% Dairy Feed	16.85	16.00	2.40	3.50	6.04	9.00	
32% Dairy Supplement	31.81	32.00	1.08	1.00	4.73	7.00	
Hi-Energy All Mash Layer	15.94	17.00	4.31	3.00	2.76	4.50	
Hog Feed	15.88	15.00	3.90	3.00	4.85	5.50	
Laying Mash	21.56	22.00	4.53	3.00	4.19	5.50	
Starting Mash Medicated	21.25	22.00	4.74	3.00	3.84	4.00	+
Honeggers' & Company, Inc. Fairbury, Ill.							
Mixing Mineral	Calcium 26.49	26.00	Phosphorus 7.61	7.00	Salt 22.00	22.00	
	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Pig & Hog Mixing Blend No. 2	39.50	39.00	5.04	4.00	6.75	6.50	
#Poultry Mixing Blend No. 186	25.00	25.00	3.90	2.50	10.14	11.00	
Honesdale Flour & Feed Company Honesdale, Pa.							
Laying Mash	*18.81	20.00	5.13	4.00	5.64	6.50	
Pig Feed	15.00	16.00	4.56	4.00	6.40	9.00	
Starting & Growing Mash	18.44	18.00	4.35	4.00	5.90	6.50	
Honesdale Milling Company Honesdale, Pa.							
16% Dairy Ration (Sweetened)	16.25	16.00	4.31	4.00	6.12	9.00	
18% Dairy Feed	16.88	18.00	3.96	4.00	8.14	9.00	
18% Dairy Feed	18.88	18.00	4.09	4.00	6.79	9.00	
20% Dairy Ration (Sweetened)	20.31	20.00	4.12	4.00	6.44	9.00	
20% Dairy Ration (Sweetened)	19.29	20.00	*2.93	4.00	7.39	9.00	
Fitting Ration	13.81	14.00	4.06	4.00	7.91	8.00	
Fitting Ration	14.13	14.00	3.62	4.00	7.85	8.00	
Clem E. Hooper Intercourse, Pa.							
Livestock Mineral	Calcium 21.80	24.00	Phosphorus 7.50	9.00	Salt 8.00	8.50	
	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Super Laying All-Mash	17.69	16.00	3.94	3.50	2.84	4.50	
John J. Hooper Gordonville, Pa.							
Hi-Roughage Milking Supplement	31.81	32.50	3.44	3.50	*9.08	8.00	
H. P. Hood & Sons, Inc. Dunedin, Fla.							
Citrus Pulp	5.94	6.00	5.50	2.70	11.98	15.00	
Henry B. Hoover Ephrata, Pa.							
22% Egg Mash Medicated	24.31	22.00	4.76	4.00	4.29	5.50	+
36% Hog Mix	39.69	36.00	4.33	3.50	7.50	8.00	
D. E. Horn & Company, Inc. York, Pa.							
All Mash Layer	16.00	16.00	4.84	4.00	2.17	2.75	
Beef Packer	32.19	32.00	1.87	2.00	6.32	8.00	
Broiler Finisher Medicated	22.38	20.00	5.63	5.00	2.44	4.00	+
Broiler Finisher Medicated	23.44	20.00	6.36	5.00	2.14	4.00	+
0.0011% Diethylstilbestrol Mixture in Beef Packer-Plus	32.00	32.00	1.84	2.00	6.04	8.00	+
Hog Concentrate	34.44	36.00	3.77	1.50	5.16	5.00	
Poultry Concentrate	37.19	36.00	5.96	5.00	4.79	6.00	
D. E. Horn & Company of Red Lion, Inc. Red Lion, Pa.							
All Mash Lay Mash	19.38	19.00	4.64	4.00	3.95	5.00	
All Mash Layer	19.06	16.00	4.06	4.00	2.30	2.75	
Chick Grower Medicated	18.13	18.00	3.95	4.00	4.69	5.00	+
Chick Starter Medicated	22.81	21.00	3.73	4.00	3.45	4.00	+
Hog Grower	16.88	15.00	3.31	3.00	3.37	4.00	
Lay Mash	20.00	20.00	4.69	4.00	5.42	5.00	
Lay Mash	20.31	20.00	4.63	4.00	4.22	5.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Horst's Mill R. D. 1, Lebanon, Pa.							
Wayne-Mix Complete Egg Mash Medicated	18.44	17.00	3.37	3.50	4.52	5.50	+
Wayne Mix Hog Feed Medicated	14.69	15.00	2.82	3.00	4.89	6.00	+
James R. Houck Bangor, Pa.							
Check-R-Mix Laying Mash LN	*19.75	22.00	3.76	3.50	5.13	7.00	
Check-R-Mix Laying Mash LN	22.50	22.00	4.89	3.50	3.98	7.00	
Check-R-Mix Pig Grower (SK)	17.50	16.00	3.15	2.50	3.77	6.00	
O. Perry House Estate Aspers, Pa.							
Hog Feed	12.81	12.00	3.87	3.30	2.20	2.85	
Howell & Sons & Johnson Morrisville, Pa.							
Laying Mash	20.31	18.00	4.94	3.50	5.56	8.50	
Pig Feed	18.13	16.00	4.09	4.00	6.84	9.00	
Scratch Feed	10.63	9.00	2.61	2.25	2.42	6.00	
H. Q. Beef Products Company Bedford, Ohio							
Super Value Dog Food	9.33	8.00	0.92	0.50	1.36	1.50	
#Super Value Dog Food	10.21	6.50	3.35	1.00	1.07	1.50	
The Hubinger Company Keopuk, Iowa							
21% Protein Corn Gluten Feed	20.69	21.00	2.51	1.00	9.02	10.00	
William M. Hudson & Company Greensburg, Pa.							
Laying Mash Medicated	22.50	20.00	3.21	3.00	5.52	6.00	
Pig Meal	19.69	18.00	4.27	3.00	6.71	8.00	
Huffman's Farm Service Linesville, Pa.							
Calf Grower	20.00	18.00	3.03	3.00	6.60	7.00	
Check-R-Mix Hog Finisher #2 (K) 3-N Medicated	15.00	12.00	3.28	2.50	6.24	6.00	+
16% Dairy Feed	16.09	16.00	*1.14	3.00	7.12	8.00	
16% Dairy Feed	16.25	16.00	*2.48	3.00	8.06	8.00	
16% Dairy Feed	16.88	16.00	*2.19	3.00	8.61	8.00	
Huntsinger's Mill Hegins, Pa.							
All Mash	16.56	16.00	3.35	2.50	4.06	5.00	
Dairy Pasture Blend	17.81	16.00	3.04	3.00	6.51	9.00	
Egg Basket All Mash	18.44	17.00	3.85	3.00	3.70	4.00	
Egg-Teen	21.88	20.00	2.86	3.00	4.70	5.50	
Paul Hurst & Sons R. D. 1, East Earl, Pa.							
All Mash Lay-More Medicated	17.94	16.00	3.64	3.50	2.42	3.00	+
36% Hog Concentrate	40.00	36.00	3.92	3.00	4.57	8.00	
40% Poultry Blend Mash Medicated	45.31	40.00	2.58	2.50	3.13	6.50	+
36% Steer Concentrate	37.19	36.00	2.07	2.00	*11.49	9.50	
Hygrade Food Products Corporation Loraine, Ohio							
#Fish Meal	61.25	60.00	7.79	5.00	0.97	3.00	
Illinois Cereal Mills Paris, Ill.							
Hominy Feed	10.63	10.00	6.00	5.00	4.73	6.00	
Hominy Feed	10.94	10.00	5.03	5.00	4.51	6.00	
J. F. Imbs Milling Company St. Louis, Mo., & Belleville, Ill.							
#Charm Wheat Grey Shorts w/Screenings	15.31	15.00	*3.34	4.00	6.48	6.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Independent Manufacturing Company Philadelphia, Pa.							
50% Meat & Bone Meal	52.19	50.00	6.85	5.00	2.37	3.00	
Inland Products, Inc. Pittsburgh Melting Company Division Pittsburgh, Pa.							
W/Poultry Meal, Meat & Bone Scrap	51.25	50.00	8.57	5.00	2.35	3.00	
W/Poultry Meal, Meat & Bone Scrap	52.19	50.00	7.28	5.00	2.32	3.00	
International Milling Company Minneapolis 2, Minn.							
Blackhawk Wheat Bran w/Ground Mixed Screenings	15.63	13.50	5.01	2.50	12.05	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	15.63	13.50	4.89	2.50	11.45	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	15.00	13.50	4.32	2.50	11.35	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	15.94	13.50	4.42	2.50	10.88	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	15.63	13.50	5.04	2.50	11.43	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	16.88	13.50	4.51	2.50	12.30	12.00	
Blackhawk Wheat Middlings w/Ground Mixed Screenings	17.19	14.00	4.94	3.00	9.15	9.50	
Blackhawk Wheat Red Dog	18.13	15.00	3.87	2.00	3.34	4.00	
Blackhawk Wheat Red Dog	17.69	15.00	4.01	2.00	4.35	4.00	
Blackhawk Wheat Red Dog	18.13	15.00	3.85	2.00	4.01	4.00	
Blackhawk Wheat Standard Bran w/Ground Mixed Screenings	16.00	13.50	5.10	2.50	11.32	12.00	
International Mineral & Chemical Corporation Skokie, Ill.							
Dicalcium Phosphate	24.19	24.00	19.02	18.50			
Dicalcium Phosphate	23.67	26.00	18.88	18.50			
Duo-Fos	114.06	112.50	0.48	0.50	21.29	20.00	
Dyno-Fos	20.25	20.00	18.25	18.50			
Interstate Foods of America Bedford, Ohio							
U. S. Dog Food	8.75	6.50	1.12	1.00	1.25	1.50	
Robert Jamieson & Sons Fredonia, Pa.							
Brewers Dried Grains	23.75	25.00	5.88	5.00	15.17	17.00	
17% Dairy Feed	20.63	17.00	3.59	3.00	7.37	10.00	
Egg Mash	19.44	20.00	5.16	3.00	6.38	8.00	
Pig & Hog Feed	19.06	17.00	3.70	3.00	5.15	10.00	
Wheat Bran	15.31	14.00	4.26	3.00	8.83	10.00	
J. W. Johnson & Son Albion, Pa.							
Banner Dairy	19.38	16.00	2.66	2.00	7.51	12.00	
Banner Dairy	17.81	16.00	2.84	2.00	8.25	12.00	
Corn & Oats Chop	11.25	9.00	3.65	3.50	5.90	8.00	
Economy Pig	14.69	13.00	4.87	3.00	5.31	9.00	
Economy Pig	12.50	13.00	3.95	3.00	5.10	9.00	
Egg Mash	19.06	17.00	3.43	3.00	5.21	8.00	
Egg Mash	20.19	17.00	3.43	3.00	5.08	8.00	
Special Dairy Feed	20.63	20.00	3.53	3.00	7.25	10.00	
Special Dairy Feed	21.56	20.00	3.69	3.00	8.22	10.00	
Jonestown Roller Mill R. D. 2, Orangeville, Pa.							
Master Made 20% Dairy Feed	23.13	20.00	2.62	2.50	7.08	11.00	
Master Made Egg Mash	22.19	20.00	4.78	2.50	3.34	6.50	
Master Made Hi-Calorie All Mash Layer	17.81	17.00	5.05	4.00	2.23	4.00	
Master Made Hog Fattener	16.25	13.00	4.42	3.50	3.31	6.00	
#Master Made Pullet Grower	20.31	18.00	4.43	3.00	6.32	6.00	
I. S. Joseph Company, Inc. Minneapolis, Minn.							
Dried Beet Pulp	9.06	7.00	0.57	0.30	20.57	22.50	
Dried Beet Pulp	9.69	7.00	0.44	0.30	21.14	22.50	
Dried Beet Pulp	8.75	7.00	0.48	0.30	21.25	22.50	



MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Judson's Feed Store Columbia Cross Roads, Pa.	16.95	18.00	3.25	3.50	7.41	10.00	
Dairy							
Juniata Roller Mills Thompsontown, Pa.	14.54	15.00	2.88	3.00	5.37	7.00	
Calf Starter	21.31	21.00	4.67	3.50	4.38	5.00	+
Chick Starter Medicated	15.00	16.00	2.63	1.00	8.57	11.00	
Dairy 16% Home Mix	*30.50	32.00	*2.23	3.00	8.75	9.00	
Home Mix Dairy 32%	21.38	21.00	4.58	3.50	4.75	5.00	+
Master Made Chick Starter Medicated	35.94	34.00	3.22	2.00	4.99	6.00	
Poultry Concentrate	36.00	34.00	3.55	2.00	5.38	6.00	
Poultry Concentrate	15.94	14.50	3.76	3.50	4.36	5.50	
Pullet Developer							
Keebler's Feed & Farm Supplies Montoursville, Pa.	11.88	9.00	4.13	3.00	5.49	7.00	
Corn & Oats Chop	10.63	9.00	3.59	3.00	6.00	7.00	
Corn & Oats Chop	36.59	36.00	1.50	0.50	6.23	7.00	
36% Dairy	20.63	20.00	4.82	4.00	4.94	5.00	+
Growing Mash Medicated	20.94	20.00	4.28	4.00	5.30	5.00	7
Growing Mash Medicated	31.88	32.00	5.85	4.00	8.68	8.50	+
32% Pig & Sow Concentrate Medicated	17.10	16.00	2.87	2.50	6.81	9.50	
16% Test Dairy	16.88	16.00	3.90	2.50	7.13	9.50	
16% Test Dairy	12.75	11.00	3.20	2.50	6.10	9.00	
Young Stock Feed	13.33	11.00	2.73	2.50	6.79	9.00	
Young Stock Feed							
E. H. Keen & Son Parkesburg, Pa.	20.63	20.00	3.79	3.00	2.29	6.00	+
20% Chick Starter Medicated	24.06	22.00	4.98	4.50	4.36	6.50	
Economy Booster Feed	*29.31	32.00	2.99	2.00	8.13	8.00	
Economy 32% Dairy Ration	24.69	24.00	9.52	8.00	3.35	5.00	
Economy Dog Food							
H. H. Kelley Washingtonville, Pa.	17.50	16.00	2.58	1.50	8.84	10.00	
Dairy Feed	17.19	16.00	4.84	4.00	4.90	8.00	
Hog Feed	20.31	18.00	5.48	4.00	5.25	8.00	
Laying Mash	19.69	18.00	5.36	4.00	5.23	8.00	
Laying Mash							
Ken-Bris Farms, Inc. Philadelphia, Pa.	11.56	11.00	4.43	4.00	5.73	8.00	
#Wild Bird Food							
W. Russell Kendall Big Cove Tannery, Pa.	20.94	20.00	4.43	2.50	4.29	6.50	
Egg Mash	18.63	17.00	5.18	4.00	2.50	3.50	
Hi-Calorie All Mash	16.88	17.00	4.60	4.00	2.23	3.50	
Hi-Calorie All Mash	16.25	14.00	3.56	3.00	6.04	6.00	
Hog Feed	15.13	14.00	3.40	3.00	4.38	6.00	
Hog Feed	13.88	14.00	2.20	3.00	7.21	10.00	
Special Dairy							
Kennel Food Supply Division of Hygrade Food Products Corporation Detroit, Mich.	14.79	15.00	7.52	5.00	0.41	1.50	
Beef & Beef By-Products Dog Food							
John W. Kerchner, Inc. Seven Valleys, Pa.	*48.13	50.00	12.32	10.00	2.02	5.00	
Meat Meal							
Keystone Chemurgic Corporation Bethlehem, Pa.	20.00	20.00	0.34	--	*23.34	20.00	
20% Dehydrated Alfalfa Meal Residue, Solvent Extracted							
Keystone Dehydrators Nazareth, Pa.	17.31	17.00	2.96	2.00	25.70	27.00	
17% Dehydrated Alfalfa Meal w/Ethoxyquin							

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Keystone Milling Company Littlestown & Carlisle, Pa.							
Master Made All Mash Layer	17.50	17.00	4.96	4.50	2.34	3.50	
Master Made All Mash Pullet Grower Medicated	17.50	16.50	3.48	3.50	5.81	6.00	+
Master Made Calf Starter	19.38	16.00	3.34	3.00	7.79	8.50	
Master Made Egg Formula	23.75	22.00	5.57	4.50	2.75	3.50	
Master Made 16% Milk Producer	17.44	16.00	3.00	2.50	7.64	11.00	
Master Made Pig & Hog Meal	16.56	16.00	3.69	3.00	2.52	5.00	
Pullet Grower Medicated	17.69	16.50	4.04	3.50	4.62	6.00	+
Keystone Milling Company Williamsburg, Pa.							
Growing Mash Medicated	19.50	20.00	3.01	3.50	5.37	6.50	+
Hog Meal	17.06	16.00	4.56	3.50	5.49	6.50	
Laying Mash	20.94	20.00	4.96	3.50	5.74	6.00	
Wheat Bran	16.94	14.00	4.49	4.00	8.07	10.50	
Kiefer's Mill, Inc. Hegins, Pa.							
Hi-Pro Cal Broiler Formula Medicated	24.69	24.00	6.18	6.00	2.68	3.00	+
Pig Feed Medicated	16.25	16.00	3.86	3.00	3.92	5.00	+
#Prime Broiler Finisher Medicated	15.54	20.00	5.26	6.00	2.20	3.00	+
Pullet Grower Medicated	17.81	18.00	3.83	3.50	4.21	5.50	+
Kind & Knox Gelatin Company Camden, N. J.							
Precipitated Bone Phosphate	23.66	25.00	17.70	18.00			
Precipitated Bone Phosphate	24.42	25.00	18.85	18.00			
Kinter & Grove, Inc. Dillsburg, Pa.							
Chick Starter Medicated	21.56	20.00	4.90	3.00	3.50	4.00	+
Kintner Milling Company Mehoopany & Meshoppen, Pa.							
All Mash Layer	17.81	17.00	4.39	4.00	4.64	4.00	
16% Dairy Ration	19.06	16.00	4.43	4.50	9.65	9.00	
18% Dairy Ration	18.13	18.00	4.23	4.00	9.12	9.50	
Fitting Ration	16.25	13.00	3.49	3.50	6.73	9.00	
Layer	23.31	20.00	4.29	4.00	4.58	4.50	
Milk Producer	16.81	16.00	4.68	3.50	7.35	10.00	
Kissling's Mill R. D. 1, Bernville, Pa.							
32% Dairy Concentrate	32.19	32.00	2.87	2.00	9.03	10.00	
35% Hog Concentrate	36.44	35.00	5.20	3.00	7.48	8.00	
C. R. Klingler, Inc. Middle Creek, Pa.							
Chick Ration Medicated	21.25	18.00	5.10	3.00	4.47	6.00	17
Mash Supplement	36.25	34.00	3.68	3.25	7.20	7.00	
#Pig Grower	19.69	18.00	3.47	3.00	5.95	7.00	
Wheat Bran	15.94	15.00	3.86	3.50	7.67	10.00	
Wheat Bran	15.13	15.00	3.88	3.50	8.65	10.00	
Wheat Middlings	18.13	15.00	5.10	3.50	3.63	5.00	
Wheat Middlings	17.56	15.00	4.80	3.50	5.59	5.00	
Knauf & Tesch Company Chilton, Wis.							
Wild Bird Mix	*11.94	14.00	*4.54	9.00	7.80	11.00	
D. P. Knepper Waterfall, Pa.							
16% Dairy Feed	19.38	16.00	4.07	3.00	8.49	9.00	
15% Pig & Hog Feed	16.56	15.00	3.34	3.00	4.65	8.00	
Knisely's Feed & Farm Supply Carlisle, Pa.							
Check-R-Mix Hog Finisher #1 (VV)	16.56	14.00	2.88	2.50	3.51	6.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Knittle & Frey Feed Mills Williamsport, Pa.							
All Mash Layer	16.56	16.50	3.94	3.00	3.93	5.00	
Chick Starter Medicated	22.81	21.00	3.74	3.00	5.76	6.00	+
16% Dairy Ration	16.88	16.00	4.24	3.00	6.36	8.00	
Dry & Freshening Ration	13.13	12.00	3.00	2.50	8.83	8.50	
#18% Grower Medicated	19.69	18.00	3.81	3.00	7.76	7.50	+
20% Layer	20.56	20.00	3.42	3.00	6.64	6.50	
H. C. Knoke & Company Chicago, Ill.							
Barley Feed	14.06	12.00	*2.41	3.00	13.89	16.00	
Kraft Foods Div. of National Dairy Products Corporation Chicago, Ill.							
Kraylets for Swine	23.75	23.00	9.34	8.00	2.88	3.50	
Pace Booster Pellets	27.19	25.00	6.54	5.00	3.35	3.50	
Kreamer Feed Store, Inc. Kreamer, Pa.							
All Mash Layer	18.13	16.00	*3.11	4.00	3.95	5.00	
Hog Concentrate	41.56	36.00	3.18	2.50	5.51	9.00	
Hog Concentrate	39.06	36.00	3.01	2.50	6.18	9.00	
Hog Feed	18.44	15.00	3.47	3.00	4.05	8.00	
Hog Feed	19.06	15.00	3.74	3.00	4.21	8.00	
Kuder Pulp Sales Company Lake Alfred, Fla.							
Dried Citrus Pulp	7.50	6.00	4.77	2.50	11.80	15.00	
Dried Citrus Pulp	7.63	6.00	6.40	2.50	11.55	15.00	
Dried Citrus Pulp	6.88	6.00	4.21	2.50	12.00	15.00	
M. N. Kunkel, Estate R. D. 1, Kempton, Pa.							
Hi-Energy Broiler Mash	22.50	21.00	3.87	3.00	2.89	4.50	
35% Hog Concentrate	38.81	35.00	3.09	2.00	5.72	7.00	
38% Layer Concentrate	37.81	38.00	4.22	2.00	7.51	7.00	
33% Steer Supplement	*31.46	33.00	1.32	1.00	5.39	6.00	
33% Steer Supplement	33.17	33.00	1.23	1.00	6.16	6.00	
Super Chick Starter	22.50	20.00	4.13	3.00	3.52	5.50	
Super Growing Mash	21.63	18.00	3.61	3.00	4.13	5.00	
Super Laying Mash	21.88	20.00	4.27	3.50	4.46	5.50	
Luther Kunkle R. D. 2, Fleetwood, Pa.							
Growing Mash	21.25	18.00	4.35	3.50	3.43	6.00	
Laying Mash	19.69	20.00	4.12	3.50	4.33	6.00	
John B. Kurtz R. D. 3, Ephrata, Pa.							
Check-R-Mix Laying Feed (All Mash) SK	17.13	16.00	3.69	3.00	3.25	5.00	
Check-R-Mix Laying Mash LN	21.94	22.00	3.84	3.50	4.35	7.00	
La Budde Feed & Grain Company Milwaukee, Wis.							
Malt Cleanings	15.63	16.00	1.10	0.50	19.92	18.00	
LaCrosse Milling Company Cochrane, Wis.							
Pulverized White Oats	11.44	11.00	3.13	3.00	14.28	15.00	
Laddie Boy Dog Food, Inc. Glendale, Long Island, N. Y.							
Beef Meat Balls w/Gravy for Dogs	11.20	11.00	3.30	3.00	1.52	1.50	
Lake's Feed Mill South Montrose, Pa.							
Fitting Ration	*11.13	12.00	*2.95	3.75	10.72	10.00	
Fitting Ration	11.75	12.00	3.43	3.75	9.61	10.00	
6-Teen Dairy Ration	15.44	16.00	4.00	4.00	8.93	9.00	
6-Teen Dairy Ration	16.58	16.00	3.86	4.00	6.81	9.00	



MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Christ E. Lamparter's Sons Dover, Pa.							
Meat Scrap, Poultry By-Products Meat & Trace of Poultry Feathers	58.13	50.00	9.70	10.00	1.87	3.00	
Lancaster Cotton Oil Company Lancaster, South Carolina							
41% Protein Expeller Cottonseed Meal, Prime Quality	43.13	41.00	4.09	3.00	12.83	14.00	
Lancaster County Farm Bureau Cooperative Assn. Lancaster, Pa.							
14% Dari-Pak "A"	14.06	14.00	3.25	3.00	6.69	8.00	
22% Laying Mash	23.44	22.00	3.99	4.50	4.10	4.00	
32% Steer Supplement "A"	33.13	32.00	2.92	2.50	7.03	10.00	
Lancaster Milling Company, Inc. Lancaster, Pa.							
Winter Wheat Bran	16.88	15.00	3.99	3.07	8.77	10.39	
Winter Wheat Middlings	17.19	14.90	4.12	3.52	4.94	5.22	
Lancaster Processing Corporation Lancaster, Pa.							
#50% Meat & Bone Meal	50.94	50.00	5.57	5.00	2.92	3.00	
50% Meat & Bone Meal	50.94	50.00	13.59	5.00	3.10	3.00	
#55% Meat & Bone Meal	57.50	55.00	5.68	5.00	1.48	3.00	
55% Meat & Bone Meal	59.44	55.00	6.35	5.00	1.36	3.00	
Land O'Lakes Creameries, Inc. Minneapolis, Minn.							
Pig Milk Replacer Medicated	27.75	28.00	20.06	20.00	0.21	0.25	
Pig Milk Replacer Medicated	*26.41	28.00	20.57	20.00	0.10	0.25	
Ira B. Landis Lancaster, Pa.							
Check-R-Mix Laying Feed (All Mash) SA	16.56	16.00	4.27	3.50	3.01	5.00	
Laney's Feed Mill Huntingdon, Pa.							
Calf & Fitting	12.50	12.00	3.41	3.00	5.94	11.00	
Calf & Fitting	12.25	12.00	3.58	3.00	7.17	11.00	
15% Dairy	15.31	15.00	3.02	2.50	6.85	14.00	
Horse Feed	11.94	7.00	3.93	2.50	5.61	12.50	
Mixed Grains	10.50	9.00	2.96	2.00	2.95	8.00	
Pennsylvania Laying Mash	20.44	16.00	4.45	3.00	5.83	11.00	
Pig & Hog Meal	15.94	14.00	3.44	3.00	7.08	11.00	
Stock Feed Chop	11.88	8.00	4.15	2.50	7.15	11.00	
Stock Feed Chop	10.75	8.00	2.75	2.50	3.29	11.00	
Lantzy Milling Company Barnesboro, Pa.							
Corn, Oats & Molasses	11.56	10.00	4.11	3.00	5.40	7.00	
Corn, Oats & Molasses	10.31	10.00	3.40	3.00	3.14	7.00	
16% Dairy Feed	17.81	16.00	3.66	2.50	5.94	11.00	
16% Dairy Feed	18.13	16.00	3.28	2.50	4.74	11.00	
Egg Producer	19.38	19.00	4.59	4.00	5.40	8.00	
Egg Producer	20.31	19.00	4.80	4.00	6.26	8.00	
Grower	22.81	20.00	4.76	3.50	5.64	6.50	
Hog Meal	16.88	16.00	4.32	3.50	4.32	7.00	
Hog Meal	17.50	16.00	4.01	3.50	7.58	7.00	
Larrowe Feed Company Subsidiary of Mowat, Wilson & Company Detroit, Mich.							
Feathered Friends Wild Bird Food	*10.69	13.00	6.56	8.00	5.55	12.00	
Layer 20%	21.25	20.00	5.66	3.00	4.76	6.00	
Medicated Poultry Aid 27% 7777	28.81	27.00	5.70	5.00	4.26	3.00	+
Mo Grist	7.09	7.00	0.48	0.30	13.22	13.00	
Pig Builder 3212 Medicated	19.69	18.00	6.29	5.00	2.91	3.50	7
Pork 35%	34.38	35.00	3.40	3.00	5.59	7.00	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
John Lauer, Jr. Wellsville, Pa.							
Laying Mash	19.06	18.00	3.60	3.50	5.37	7.00	
Starter & Grower Mash	20.94	18.00	3.76	3.50	5.25	7.00	
Lauhoff Grain Company Danville, Ill.							
43% Protein Expeller Soybean Cake	47.63	43.00	4.43	4.00	5.64	7.00	
Vermillion Hominy Feed	10.44	9.00	6.31	5.00	5.04	6.00	
Vermillion Hominy Feed	11.56	9.00	5.75	5.00	4.86	6.00	
Vermillion Hominy Feed	10.63	9.00	6.27	5.00	4.50	6.00	
Leeper Roller Mill Leeper, Pa.							
Check-R-Mix Laying Feed (All Mash) SK	16.88	16.00	3.89	3.00	5.01	6.00	
Lehigh Farm Bureau Cooperative Assn. R. D. 1, Wescosville, Pa.							
Intermediate Scratch	10.00	9.00	3.01	2.00	2.05	3.00	
Lehman's Cash Feed Store York Springs, Pa.							
Check-R-Mix 20% Laying Mash C	20.81	20.00	4.05	3.00	3.94	9.00	
Check-R-Mix 20% Laying Mash C	20.69	20.00	4.49	3.00	5.38	9.00	
Lehmaster Elevator Company Lemasters, Pa.							
Dairy Concentrate	32.81	32.00	1.46	2.00	8.07	9.00	
Dairy Feed	21.94	18.00	2.56	2.00	7.16	9.00	
Hog Feed	15.31	16.00	2.94	3.00	4.92	8.00	
LeRoy Alfalfa Corporation LeRoy, N. Y.							
#K-9 Wheat	11.88	11.00	4.47	3.00	2.47	3.00	
Life Guard Feeds Division of Eshelman Grain, Inc. Columbus, Ohio							
All Mash Laying Ration	18.13	16.00	3.45	3.50	5.17	7.00	
40% Beef Supplement Medicated	43.56	40.00	1.44	1.50	6.23	8.00	
Complete Rabbit Pellets	17.81	17.00	2.66	2.00	10.84	18.00	
Complete Rabbit Pellets	17.50	17.00	3.47	2.00	14.09	18.00	
Fitting Feed	19.09	12.00	2.67	2.50	6.96	10.00	
Hog Supplement	44.06	40.00	1.97	1.50	4.42	6.00	
Hog Supplement	41.56	40.00	2.42	1.50	4.97	6.00	
22% Layer	23.56	22.00	4.41	3.50	5.22	8.00	
36% Mash Balancer	35.69	36.00	4.92	3.00	6.28	8.00	
36% Mash Balancer	39.06	36.00	5.32	3.00	5.65	8.00	
36% Mash Balancer	36.56	36.00	5.52	3.00	6.74	8.00	
Rumen Bacteria Mix 32% Union Grains Life Guard Supplement	35.63	32.00	1.63	1.50	7.18	8.50	
Rumen Organism Mix in Calf Starter	20.00	17.00	5.58	5.00	3.97	8.00	
#Sow & Pig Supplement	33.44	32.00	3.17	3.00	8.70	11.00	
Sweet Mixing Supplement	21.00	18.00	2.01	2.00	6.79	10.00	
Geo. W. Lillich & Son Abbottstown, Pa.							
Broiler Ration Medicated	26.25	23.00	4.94	5.00	3.27	3.00	4a
Broiler Ration Medicated	23.75	23.00	5.37	5.00	2.43	3.00	4a
Broiler Ration Medicated	25.00	23.00	5.16	5.00	2.93	3.00	+
21% Laying Ration	22.50	21.00	5.25	3.50	2.56	4.00	
Limestone Products Corporation of America Newton, N. J.							
Lime Crest Calcite Flour (For Feeding Purposes)	Calcium 34.16	33.00	Magnesium 1.32	2.60			
Walter K. Long, Inc. Center Valley, Pa.							
All Mash Layer	18.63	17.00	5.74	4.50	2.97	4.50	
Complete Horse Pellets	15.50	10.00	2.92	2.00	15.89	30.00	
Egg & Breeder Mash	22.19	22.00	4.95	4.50	4.23	5.00	
Poultry Concentrate	37.50	38.00	7.72	4.50	5.24	7.00	
Rabbit Pellets Medicated	19.69	17.00	3.89	3.00	10.80	13.00	+

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Audley B. Lott South Montrose, Pa.							
16% Dairy Ration	17.19	16.00	3.69	3.50	7.20	10.00	
12% Fitting Ration	14.06	12.00	3.22	3.25	6.21	10.00	
Lottsville Milling Company Lottsville, Pa.							
16% Dairy Ration	17.19	16.00	3.54	3.00	10.83	10.00	
16% Dairy Ration	17.81	16.00	3.53	3.00	7.09	10.00	
Milk Maker	21.44	20.00	3.18	3.00	9.30	10.00	
Milk Maker	21.94	20.00	3.28	3.00	7.72	10.00	
Loysville Feed Company Loysville, Pa.							
32% Hog Concentrate	31.56	32.00	3.36	2.00	4.37	6.00	
36% Layer Grower Concentrate	37.13	36.00	3.40	2.00	6.41	8.50	
Bruno Lucchino R. D. 1, Leechburg, Pa.							
Corn & Oats Chop	11.88	9.00	4.07	3.50	6.63	11.00	
Lycoming Mills Williamsport, Pa.							
Calf Starter	17.74	19.00	2.44	2.00	11.09	10.00	
Calf Starter	18.69	19.00	2.47	2.00	7.17	10.00	
16% Dairy Feed	18.44	16.00	3.74	2.00	10.08	12.00	
Dairy Feed	17.10	18.00	3.36	2.50	8.91	12.00	
Fitting Ration	14.42	14.00	2.70	2.00	10.17	10.00	
Fitting Ration	14.55	14.00	2.71	2.00	9.58	10.00	
Growing Mash	23.13	20.00	3.85	4.00	5.59	6.00	
Laying Mash	22.19	20.00	4.50	3.50	*6.80	6.00	
Laying Mash	22.81	20.00	4.93	3.50	4.81	6.00	
Laying Mash	22.81	20.00	4.60	3.50	6.86	6.00	
Rabbit Pellets	22.38	21.00	2.92	2.50	12.34	15.00	
Lykens Valley Roller Mills R. D. 1, Millersburg, Pa.							
Chick Starter Medicated	20.50	21.00	4.00	3.50	4.54	5.00	+
16% Dairy Feed	16.06	16.00	2.42	2.00	7.20	11.00	
The Lysi, Ltd. Reykjavik, Iceland							
Cod Liver Meal w/Solubles	40.31	40.00	49.02	25.00	0.23	1.00	
McKean Farm Service McKean, Pa.							
Chop	11.35	10.00	2.82	2.50	5.45	10.00	
16% Dairy	18.13	16.00	2.39	2.50	7.39	10.00	
Master Made Egg Mash	20.00	20.00	2.75	2.50	4.45	6.50	
McKean's Pet Food Company Lackawaxen, Pa.							
#Kennel Master Dog Meal	*20.13	25.00	8.65	7.00	1.66	5.00	
#Stable Master Horse Feed	16.25	12.50	3.74	2.00	8.31	20.00	
#Stable Master Horse Feed	12.12	12.50	3.00	2.00	5.85	8.00	
Stable Master Horse Feed	*11.19	12.50	2.51	2.00	6.69	20.00	
Wild Bird Food	11.94	11.00	3.69	4.00	6.42	9.00	
McNaughton Milling Company New Alexandria, Pa.							
Scratch Feed	10.31	10.00	3.54	3.00	3.13	6.00	
MacKnights G.L.F. Service Westfield, Pa.							
Corn & Oats Ground	12.50	8.00	4.72	3.50	8.29	9.00	
18% Super Dairy	18.44	18.00	4.56	4.00	9.03	10.00	
Mahoning Valley Milling Company Punxsutawney, Pa.							
All Mash Grower Medicated	16.56	16.00	3.70	3.50	8.35	8.00	+
Growing Mash Medicated	17.88	18.00	4.29	3.50	6.44	8.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Mahoning Valley Milling Company - Continued							
16½% Hi-Energy All Mash Layer Medicated	17.50	16.50	4.62	4.00	3.48	4.75	+
20% Laying Mash Medicated	20.94	20.00	4.02	4.00	4.92	6.00	+
Pig & Hog Feed Medicated	18.44	18.00	3.63	3.00	5.38	7.00	+
Maidencreek Feed & Supply Blandon, Pa.							
A. M. Layer	17.19	15.00	3.59	3.50	3.49	5.00	
16% Dairy Feed EH	17.06	16.00	2.17	2.00	7.56	9.00	
Hog Feed AH	16.25	13.00	3.17	2.50	6.60	8.00	
Manatuck Farm Div. of International Aquarium, Inc. Center Moriches, N. Y.							
#Hamster & Pet Mouse Food	27.50	20.00	4.33	3.50	4.49	12.50	
W. H. Manbeck & Company Mifflin, Pa.							
Check-R-Mix Hog Finisher No. 1 (A)	15.00	14.00	3.50	2.50	2.84	6.00	
Check-K-Mix Laying Feed (All Mash) SA	17.81	16.00	3.85	3.50	3.71	5.00	
Check-R-Mix Laying Mash LB	23.13	22.00	4.37	3.50	2.62	6.00	
Manchester Grange, Inc. Emigsville, Pa.							
Chick Starter Medicated	21.56	20.00	3.88	3.50	5.43	6.00	5
18% Dairy Feed	19.69	18.00	2.63	1.50	7.98	8.00	
Hog Feed	16.88	16.00	3.78	2.50	5.71	7.00	
W. E. Manifold & Sons Pawm Grove, Pa.							
Check-R-Mix Hog Finisher #2 (X)	15.31	13.00	2.96	2.50	4.38	6.00	
32% Dairy Feed	35.38	32.00	2.47	2.00	7.22	7.00	
The Manitoba Sugar Company, Ltd. Winnipeg, Manitoba, Canada							
Dried Beet Pulp	9.06	7.00	0.59	0.30	19.39	22.50	
Maple Leaf Mills, Ltd. Toronto, Canada							
#Rex Wheat Bran w/Screenings N.E.M.R.	16.44	14.00	4.80	3.00	10.31	12.50	
#Rex Wheat Bran w/Screenings N.E.M.R.	16.88	14.00	4.69	3.00	11.69	12.50	
R. H. Marberger Bernville, Pa.							
18% Dairy Feed	18.63	18.00	3.22	2.30	9.82	10.00	
24% Dairy Feed	26.25	24.00	3.30	2.30	7.90	10.00	
Marine & Animal By-Products Corporation New York, N. Y.							
Fish Meal	62.63	65.00	3.34	2.00	0.62	3.00	
Marion Milling Company Marion, Ohio							
Wheat Bran	15.00	13.50	3.70	3.00	10.99	10.00	
Marnat Packing Company Bennettsville, South Carolina							
#Big Time Beef & Beef By-Products w/Gravy Dog Food	16.66	15.00	6.18	6.00	0.45	1.50	
#Big Time Horsemeat & Meat By-Products w/Gravy Dog Food	17.21	15.00	7.17	6.00	0.40	1.50	
Marshall's Feed Mill Horseheads, N. Y.							
Dog Food	26.56	25.00	8.52	8.00	3.90	4.00	
Ground Corn & Oats	11.00	9.00	3.89	2.50	5.99	6.00	
#20% Growing Mash	20.75	20.00	3.74	4.00	6.46	6.00	
Rabbit Pellets	17.38	17.00	3.75	3.00	12.60	16.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Martin's Feed Mill, Inc.							
R. D. 3, Ephrata, Pa.							
40% Dairy Supplement	41.56	40.00	1.92	1.50	5.65	5.00	
Improved Chick Starter Medicated	24.38	22.00	4.57	4.00	3.77	4.00	+
Martinsburg Milling Company							
Martinsburg, Pa.							
All Mash Layer	18.13	17.00	4.97	4.00	2.22	3.50	
Corn & Oats Chop	11.56	10.00	3.77	4.00	4.45	9.00	
Corn & Oats Chop	10.94	10.00	3.82	4.00	5.17	9.00	
Horse Feed	12.81	12.00	3.37	3.50	5.92	10.00	
More Milk 14% Dairy	16.88	14.00	3.18	3.00	5.84	10.00	
More Milk 16% Dairy	16.88	16.00	3.24	3.00	6.75	10.00	
Pig & Hog Meal	14.75	14.00	3.47	3.00	3.98	5.00	
Scratch Feed	9.38	9.00	3.39	2.00	1.80	4.00	
Scratch Feed	10.94	9.00	3.33	2.00	1.85	4.00	
Marzen Feed Store							
R. D. 3, Lehighton, Pa.							
Egg Mash	21.38	20.00	4.32	2.50	5.33	6.50	
Hi-Calorie All Mash Layer	18.63	16.50	4.38	4.00	2.43	3.50	
Hi-Calorie Broiler Finisher	21.56	20.00	5.67	6.00	2.65	3.00	
Mauser Feed & Grain Corporation							
Palmerton, Pa.							
#All Mash Grower	*12.81	15.50	4.96	3.00	4.01	5.50	
Dog Food	24.69	24.00	8.33	8.00	3.91	5.00	
Hi-Energy All Mash Layer	17.13	16.50	4.74	4.00	4.24	4.50	
16% Hi-Flo Dairy Feed	18.44	16.00	3.75	3.00	3.81	5.50	
Mixed Hog Feed	17.50	15.00	4.87	3.50	5.55	6.00	
Rabbit Pellets Medicated	19.38	15.00	3.52	2.50	12.65	15.00	+
Turkey Starter Medicated	29.25	28.50	3.78	2.50	4.71	5.00	+
Mauser Mill Company							
Treichlers, Pa.							
Soft Winter Wheat Bran	14.38	12.50	4.15	3.50	9.74	11.00	
Spring Wheat Middlings w/Ground Wheat Screenings	19.44	16.00	6.06	3.50	8.87	9.00	
Soft Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	16.38	14.00	4.95	4.00	7.19	9.50	
Soft Wheat Shorts w/Ground Wheat Screenings N.E.M.R.	15.31	14.50	3.81	4.00	4.73	6.00	
Maxton Oil & Fertilizer Company							
Maxton, North Carolina							
41% Protein Cottonseed Meal, Prime Quality	42.81	41.00	3.33	3.00	13.83	13.00	
41% Protein Cottonseed Meal, Prime Quality	41.56	41.00	3.64	3.00	14.32	13.00	
Mayflower Mills							
Fort Wayne, Ind.							
Pure Wheat Bran	15.63	14.00	3.73	3.40	9.87	11.00	
Pure Wheat Bran	15.63	14.00	3.38	3.40	9.17	11.00	
Pure Wheat Bran	15.31	14.00	3.35	3.40	8.46	11.00	
#Wheat Germ	28.75	25.00	8.75	7.00	2.64	6.00	
Maytown Vitamin & Mineral Company							
Maytown, Pa.							
Steer Mineral Supplement	Calcium 22.08 27.60		Phosphorus 6.23 5.50		Salt 9.14 10.00		
Mazeppa Mills							
R. D. 2, Lewisburg, Pa.							
Hog Feed	18.44	16.00	3.58	3.00	5.18	5.50	
Laying Mash	20.94	18.00	4.70	3.00	6.08	6.00	
Wheat Bran	15.31	14.00	3.11	3.50	10.46	12.00	
Wheat Bran	14.63	14.00	4.12	3.50	9.64	12.00	
Wheat Middlings	*13.63	15.00	*3.01	3.50	3.91	10.00	
Mechanicsburg Milling Company							
Mechanicsburg, Pa.							
Soft Winter Wheat Bran	16.88	14.00	3.81	3.00	7.65	8.00	
Soft Winter Wheat Middlings	13.94	14.50	3.11	3.00	4.13	9.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Meiser's Feed Mill							
Richfield, Pa.							
Hi-Calorie Layer Mash	22.19	20.00	3.79	3.50	2.70	5.50	
Hi-Calorie Layer Mash	24.69	20.00	3.42	3.50	4.07	5.50	
Hog Feed	14.69	12.00	4.01	3.00	3.10	7.00	
Hog Feed	14.69	12.00	3.28	3.00	3.94	7.00	
Mencer's Farm Supply Store							
Jersey Shore, Pa.							
Corn & Oats Chop	12.50	9.00	4.05	4.00	5.66	7.00	
Egg Mash	19.69	18.00	4.73	3.50	6.18	9.00	
Egg Mash	19.69	18.00	3.65	3.50	5.69	9.00	
Mixed Grains	9.38	9.00	2.49	2.00	2.78	5.00	
Mixed Grains	9.44	9.00	2.36	2.00	3.07	5.00	
Pig & Hog Feed	17.19	14.00	4.53	4.00	5.33	8.00	
A. L. Menges Company							
Menges Mill, Pa.							
Check-R-Mix Hog Finisher No. 1 (Y)	14.38	13.00	3.02	2.50	3.63	7.00	
Check-R-Mix 20% Laying Mash BA	21.31	20.00	4.33	2.50	4.54	8.00	
Mercer Milling Company							
Mercer, Pa.							
16% Dairy Feed	22.81	16.00	2.72	1.50	10.64	16.00	
Egg & Breeder Mash	21.25	20.00	3.50	3.00	5.67	7.00	
Hog Feed	19.06	16.00	3.57	2.50	5.88	9.00	
Merck & Company							
Rahway, N. J.							
	Nicarbazin						
#Ni Carb 25%	24.96	25.00					+
Metzler's Feed Mill							
Bowmansdale, Pa.							
Pep-Mix Laying Ration Medicated	15.63	16.00	3.65	3.00	3.78	5.00	+
Middlebury G.L.F. Service							
Middlebury, Pa.							
17% Dairy Ration	16.25	17.00	4.28	3.50	7.08	10.00	
Middleburg Rendering Works							
Middleburg, Pa.							
#Meat Meal	51.88	50.00	13.31	10.00	3.41	2.00	
#Meat Meal	53.13	50.00	13.29	10.00	3.40	6.00	
Midland-Western, Inc.							
Reading, Pa.							
	Calcium		Phosphorus		Salt		
	29.04	30.00	3.58	4.00	7.97	8.00	
All Purpose Mineral No. 4	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Layer Mix for Poultry Layer & Grower Mix Medicated	10.94	9.50	5.16	4.00	1.56	1.50	+
Layer Mix for Poultry Layer & Grower Mix Medicated	15.25	9.50	6.86	4.00	2.27	1.50	+
	Calcium		Phosphorus				
Super Phos	22.07	23.00	12.52	12.00			
	Calcium		Phosphorus				
Super Phos	21.00	23.00	13.18	12.00			
	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Vitamin A & D Supplement for Cattle	13.69	10.00	5.69	3.00	30.27	35.00	
Midway Mills							
R. D. 5, Lebanon, Pa.							
Master Made Hi-Calorie All Mash Layer	16.56	17.00	4.33	4.00	2.28	3.50	
Master Made Pig Feed Medicated	15.63	16.00	3.45	3.00	3.22	5.00	+
Mifflinburg Farmers' Exchange, Inc.							
Mifflinburg, Pa.							
16% Dairy Ration	19.06	16.00	2.89	2.50	6.92	10.00	
32% Dairy Supplement	32.28	32.00	*1.35	2.00	7.40	10.00	
Master Made Hog Ration	15.00	12.50	3.65	3.00	4.90	4.00	
Master Made 18% Egg Mash	18.31	18.00	3.86	2.50	6.44	7.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Milk Specialties, Inc. Dundee, Ill.							
Veal Formula	23.29	23.00	18.00	20.00	0.14	0.25	
H. E. Millard Mills Div. of H. E. Millard Lime & Stone Company Annville, Pa.							
#Calcar Pulverized Limestone	Calcium 50.98	38.00	Magnesium 0.30	0.30			
Calcar Pulverized Limestone	Calcium 38.37	38.00	Magnesium 0.35	0.30			
	PROTEIN		FAT		FIBER		
	F	G	F	G	F	G	
Dairy Balancer	16.25	15.00	0.69	0.50	5.10	5.00	
Ultra-Lifed 30% Hog Concentrate	31.88	30.00	3.80	2.50	4.80	7.50	
Wheat Middlings	19.06	15.00	5.23	5.07	4.52	4.85	
Millburn Feed Company Millburn, N. J.							
All Beef Chunk Dog Food	*11.62	15.00	*11.08	6.00	0.77	1.00	
Miller & Bushong, Inc. Rohrerstown, Pa.							
No. 27 All-Mash Breeder Ration Medicated	20.31	17.00	4.88	5.00	3.36	3.50	+
No. 20 A Early-Bird High Producer Pellets Medicated	23.31	22.00	3.91	4.00	2.88	3.00	+
No. 20 A High Producer Pellets Medicated	23.75	22.00	4.28	4.50	3.21	3.00	1a
Miller Feed & Coal Company Conneaut Lake, Pa.							
Corn & Oats Chop	10.00	9.00	3.93	3.00	6.54	9.00	
Horse Feed	12.02	10.00	4.06	2.50	7.32	10.50	
Horse Feed	11.42	10.00	3.80	2.50	6.59	10.50	
Master Made All Mash Layer	18.50	17.00	4.95	3.50	3.05	3.50	
Master Made All Mash Layer	19.38	17.00	5.14	3.50	2.76	3.50	
Master 16% Dairy Feed	16.56	16.00	3.05	2.00	10.29	10.00	
Master 16% Dairy Feed	17.81	16.00	2.75	2.00	10.40	10.00	
Scratch Grain	10.00	10.00	3.13	3.00	3.40	5.00	
Miller Feed & Implement Company Stewartstown, Pa.							
Pig & Hog Meal	16.88	16.00	3.86	3.50	5.56	7.00	
Scratch Grains	11.25	9.00	3.10	2.50	3.20	5.00	
Miller High Life Grain Company Milwaukee, Wis.							
Brewers Dried Grains	28.75	26.00	5.76	5.00	11.95	18.00	
Miller Rendering Company R. D. 1, New Stanton, Pa.							
Meat & Bone Scraps	52.50	50.00	11.00	8.00	3.25	4.00	
Miller & Stitely R. D. 1, Felton, Pa.							
All Mash Layer	17.81	16.00	3.20	3.00	5.31	4.50	
32% Dairy Concentrate	33.44	32.00	1.52	1.00	7.67	8.00	
32% Dairy Concentrate	30.44	32.00	0.89	1.00	5.19	8.00	
Hog Concentrate	34.94	35.00	2.47	2.00	8.34	8.00	
Hog Concentrate	35.50	35.00	2.97	2.00	8.36	8.00	
Millport Roller Mills R. D. 4, Lititz, Pa.							
20% Laying Mash	21.25	20.00	*3.53	4.25	4.55	5.50	
Pep-Mix Hog Grower Medicated	15.63	15.00	3.56	3.00	2.98	6.00	+
Milroy Feed & Grain Milroy, Pa.							
16% Dairy	15.63	16.00	2.77	2.00	6.29	10.00	
16% Dairy	14.88	16.00	2.15	2.00	6.68	10.00	
Hog Feed	15.00	12.00	4.14	3.50	*8.20	3.00	
Hog Feed	13.44	12.00	3.27	3.50	*7.53	3.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Miner-Hillard Milling Company Wilkes-Barre, Pa.							
A-1 Growing Mash	20.06	16.00	4.48	2.50	5.76	6.00	
A-1 Pig Grower	17.94	19.00	4.54	3.50	5.78	6.00	
Hominy Feed	11.00	10.00	5.43	5.00	5.04	5.00	
Horse Feed	18.75	12.00	2.75	3.00	9.71	12.00	
Minnesota Linseed Oil Company Minneapolis, Minn.							
32% Protein Linseed Meal, Solvent Extracted	35.94	32.00	2.04	0.50	9.71	11.00	
32% Protein Linseed Meal, Solvent Extracted	35.00	32.00	1.77	0.50	9.50	11.00	
32% Protein Linseed Meal, Solvent Extracted	37.88	32.00	0.85	0.50	9.81	11.00	
Mitchell Milling Company Clearfield, Pa.							
Corn & Oats Chop	12.19	9.00	4.12	3.00	5.66	8.00	
Corn & Oats Chop	10.25	9.00	3.69	3.00	5.49	8.00	
18% Dairy Ration	16.88	18.00	4.19	3.50	8.17	8.00	
18% Dairy Ration	18.75	18.00	4.66	3.50	7.69	8.00	
Laying Mash	20.94	18.00	3.48	2.50	7.62	8.00	
Laying Mash	21.56	18.00	3.62	2.50	8.42	8.00	
Pig Ration	18.13	18.00	3.72	3.00	7.83	8.00	
Pig Ration	19.81	18.00	4.17	3.00	10.29	8.00	
M & M Farm Supply Corporation Virginville, Pa.							
16% Dairy Feed	16.02	16.00	2.46	2.60	7.00	10.00	
Egg Mash	19.69	20.00	3.77	2.50	6.89	6.50	
Growing Mash	16.88	18.00	3.66	3.50	5.70	5.50	
Molson's Brewery (Ontario) Ltd. Toronto, Canada							
Brewers Dried Grains	25.00	24.00	6.73	7.00	13.08	14.50	
Monsanto Chemical Company Inorganic Chemical Division St. Louis, Mo.							
#Dicalcium Phosphate Feed Grade	Calcium *19.06 21.50		Phosphorus 20.15 18.50				
Montgomery-Bucks Farm Bureau Cooperative Assn. Souderton, Pa.							
Brewers Dried Grains	28.13	24.00	5.40	5.25	14.14	15.00	
Broiler Maker Medicated	25.63	21.50	3.52	3.00	3.27	4.00	17
Broiler Maker Medicated	22.81	21.50	3.53	3.00	2.95	4.00	+
Corn Gluten Feed	22.50	21.00	1.29	1.00	9.67	10.00	
16% Hog Grower Medicated	19.06	16.00	3.05	2.50	4.20	6.00	+
36% Milkmaker	38.13	36.00	3.99	2.50	5.67	8.00	
36% Milkmaker-M	38.31	36.00	2.06	1.00	4.24	8.00	
40% Pork Maker	41.25	40.00	5.43	2.50	4.13	6.00	
Rabbit Pellets Medicated	18.63	18.00	3.73	2.50	4.70	8.00	+
Super Laying Mash	23.75	22.00	4.05	3.00	2.94	5.00	
18% Turkey Grower Medicated	19.06	18.00	3.61	3.00	2.86	4.00	+
Worming Feed	17.50	16.00	4.08	3.00	2.84	4.00	
George Q. Moon & Company, Inc. Binghamton, N. Y.							
Calf Starter (Custom Mix)	21.56	20.00	4.56	2.70	5.91	6.60	
Corn & Oats Chop	10.31	8.50	4.36	3.00	5.95	9.00	
Dairy Feed (Custom Mix)	19.06	16.80	5.78	--	6.86	--	
18% Dairy Ration	20.63	18.00	3.41	3.50	7.93	10.00	
Dog Food	*24.63	26.00	5.34	4.00	3.16	4.00	
Dog Food	*22.25	26.00	*3.35	4.00	3.26	4.00	
Growing Mash	23.38	18.00	4.75	4.00	5.66	6.50	
Hog Feed	16.38	15.00	4.31	3.00	6.65	7.50	
N. E. Complete Laying Mash	17.13	16.00	4.16	3.00	6.81	9.00	
Scratch Feed	9.13	10.00	3.43	2.00	2.95	5.00	
Scratch Feed	9.69	9.00	3.16	2.00	2.67	5.00	
Morgantown Feed & Grain, Inc. Morgantown & Stevens, Pa.							
All Mash Pullet Grower Medicated	16.56	16.50	3.88	3.50	5.85	6.00	+
Dry 'N Fresh Feed	13.65	12.00	2.64	3.00	9.50	9.50	
Nutri-Rich Pep-Mix 16% Dairy	19.13	16.00	2.93	2.50	6.33	10.00	
Nutri-Rich Pep-Mix 32% Dairy	31.48	32.00	2.51	1.50	8.79	12.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
O. W. Mosteller Chester Springs, Pa.							
Heavy Grain Horse Feed	11.86	10.00	3.48	3.00	6.74	8.00	
Lay-More	20.56	20.00	4.20	3.50	5.66	6.00	
Mountville Feed Service R. D. 2, Columbia, Pa.							
Layer Mash Medicated	20.94	20.00	4.51	3.50	3.91	4.50	+
Mowat, Wilson & Company Detroit, Mich.							
Dried Beet Pulp	8.88	7.00	1.13	0.30	19.84	22.50	
Dried Beet Pulp	9.38	7.00	0.88	0.30	19.22	22.50	
Dried Beet Pulp	10.00	7.00	0.33	0.30	20.53	22.50	
Dried Beet Pulp	9.06	7.00	0.43	0.30	20.28	22.50	
Moyer & Son Souderton, Pa.							
Horse Feed	11.45	10.00	*3.15	4.00	10.52	11.00	
Horse Feed	10.37	10.00	4.80	2.75	12.19	12.00	
Laying Mash	22.50	20.00	4.45	3.50	6.01	7.50	
Pep-Mix Laying Ration	17.19	16.00	4.41	3.00	4.53	7.00	
Pullet Mash	20.63	19.00	4.51	3.50	7.40	8.00	
Starter & Broiler Medicated	21.31	21.00	5.11	3.00	2.65	4.75	+
A. A. Mudge & Sons, Inc. Afton, N. Y.							
18% Dairy	18.44	18.00	4.89	3.50	6.95	10.00	
Fortified Sixteen	15.63	16.00	4.99	4.50	6.03	8.00	
Rumen-Yzer Sixteen	17.50	16.00	3.90	3.50	7.82	9.75	
Scratch Grains	9.69	9.00	3.01	2.00	3.09	5.00	
16% Test Ration	16.25	16.00	5.82	4.50	6.76	8.00	
Thirteen Per Cent	13.94	13.00	4.38	4.00	8.12	10.00	
W. L. Mummert Company Hanover, Pa.							
40% Hog Supplement	40.31	40.00	1.58	2.00	5.73	7.00	
32% Mixing Ration	35.38	32.00	1.55	1.00	*9.22	7.50	
36% Poultry Supplement	35.00	36.00	3.67	3.50	7.04	7.50	
Mundis Mills, Inc. York & Nashville, Pa.							
Complete Rabbit Pellets Medicated	17.88	18.00	3.50	2.50	10.71	15.00	+
30% Beef Supplement	31.44	30.00	1.77	1.50	8.94	9.00	
#Dairy Balancer	15.63	15.00	1.50	1.50	5.80	5.00	
Pig Grower Ration	14.19	14.00	*3.09	3.75	5.30	6.50	
Pig & Hog Concentrate	34.69	34.00	3.70	3.00	*8.56	6.00	
Mundis Supply Company Dover, Pa.							
Pig Meal	18.19	14.00	4.26	3.00	5.11	6.00	
Murphy & Clouse Feed Mill Boiling Springs, Pa.							
M-C All Mash Grower	17.06	15.50	3.57	3.00	5.25	5.50	
M-C Hi-Energy All Mash Layer	18.13	16.50	3.18	3.00	4.44	4.50	
Nappanee Milling Company, Inc. Nappanee, Ind.							
Yellow Hominy Feed	9.69	10.00	5.95	6.50	4.04	6.00	
Narrowsburg Feed & Grain Company Narrowsburg, N. Y.							
All-Mash Super Laying Ration	17.38	17.00	3.96	3.50	3.70	4.00	
#All-Mash Super Laying Ration	18.44	16.50	4.29	4.00	2.94	4.00	
"Blue Tag" Super Laying Mash	19.38	20.00	4.55	3.50	3.80	4.50	
Custom Egg All Mash Layer	16.56	16.50	4.61	3.50	3.63	4.00	
#16% Dairy Queen Pellets	18.75	16.00	5.58	5.00	6.26	6.75	
Fitting Ration	15.00	14.00	3.98	3.50	7.83	9.00	
Hi-Test 16% Dairy Ration	17.19	16.00	3.80	4.00	7.74	8.50	
Hi-Test 18% Dairy Ration	17.63	18.00	5.01	4.00	7.15	8.50	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Narrowsburg Feed & Grain Company - Continued							
Super Fitting Ration	*12.81	14.00	4.39	4.50	5.40	8.75	
Superfat 16% Dairy Ration	16.88	16.00	4.68	4.50	8.13	8.50	
Superfat 18% Dairy Ration	20.94	18.00	4.68	4.50	6.89	8.50	
National Biscuit Company Pittsburgh, Pa.							
Sponge Meal (A Bakery By-Product)	9.38	5.50	12.47	10.00	0.38	1.00	
Wheat Middlings w/Ground Wheat Screenings	15.63	14.00	3.67	3.50	7.26	9.00	
Wheat Middlings w/Ground Wheat Screenings	15.31	14.00	4.02	3.50	8.22	9.00	
National Distillers Products Company Div. of National Distillers & Chemical Corp. New York, N. Y.							
Corn Distillers Dried Solubles w/Grains	27.50	25.00	9.29	8.00	7.93	9.00	
National Molasses Company Willow Grove, Pa.							
Feeding Cane Molasses	Invert Sugar		Brix				
	48.20	48.00	79.60°	79.50°			
Feeding Cane Molasses	Invert Sugar		Brix				
	47.90	48.00	79.50°	79.50°			
National Oats Company Cedar Rapids, Iowa & E. St. Louis, Ill.							
Oat Mill By-Product	11.13	10.00	4.30	3.50	14.05	18.00	
Reground Oat Mill By-Product	3.06	3.00	0.99	1.00	31.40	32.00	
National Starch & Chemical Corporation Indianapolis, Ind.							
Corn Gluten Feed	20.94	21.00	1.52	1.00	10.01	10.00	
National Vitamin Products Company Minneapolis, Minn.							
Calvita Vealer Medicated	20.42	21.00	3.91	4.00	0.43	0.50	+
H. W. Neiger Milling Company East Springfield & Lake City, Pa.							
Best Dairy Feed	17.81	16.00	3.24	3.00	6.85	11.00	
Best Pig & Sow Feed	13.81	13.00	3.46	3.00	5.30	8.50	
42% Dairy & Beef Supplement	44.35	42.00	1.44	0.50	5.55	9.00	
Master Made All Mash Layer	17.88	17.00	4.49	4.00	2.22	3.50	
Master Made All Mash Layer	16.56	17.00	4.44	4.00	2.13	3.50	
Master Made Layer Mash	18.75	18.00	3.83	2.50	3.47	6.50	
Master Made Layer Mash	19.06	18.00	3.24	2.50	4.39	6.50	
Neumond, Inc. St. Louis, Mo.							
26% Protein Brewers Dried Grains	29.69	26.00	5.90	4.50	14.73	18.00	
The New Century Company Chicago 9, Ill.							
Brewers Dried Grains	*24.81	26.00	5.23	5.00	17.55	18.00	
Brewers Dried Grains	26.06	26.00	6.57	5.00	12.32	18.00	
Brewers Dried Grains	29.06	26.00	5.20	5.00	14.28	18.00	
Brewers Dried Grains	29.06	26.00	5.74	5.00	12.46	18.00	
New Jersey Flour Mills Company Clifton, N. J.							
Wheat Bran	14.69	13.00	3.66	3.50	8.12	10.00	
Nickel Plate Mills, Inc. Erie, Pa.							
Corn & Oats Chop	11.56	9.00	3.55	3.00	6.22	10.00	
Cow Feed	20.75	18.00	3.95	3.00	8.44	9.00	
Cow Feed	17.81	18.00	3.15	3.00	8.71	9.00	
Hog Feed	17.19	17.00	4.54	3.50	6.81	10.00	
Hog Feed	18.44	17.00	4.52	3.50	6.84	10.00	
Poultry Mash	20.00	17.00	4.77	3.00	6.68	9.00	
Poultry Mash	19.13	17.00	3.68	3.00	7.20	9.00	
Starter & Grower Mash	18.75	17.00	4.70	3.00	7.03	9.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Ninety Six Manufacturing Company Ninety Six, South Carolina							
#41% Protein Cottonseed Meal, Prime Quality	40.13	41.00	3.57	3.00	14.10	13.00	
#41% Protein Cottonseed Meal, Prime Quality	*39.44	41.00	3.42	3.00	14.16	13.00	
Nittany Valley Feed & Grain Company R. D. 2, Bellefonte, Pa.							
16% Dairy	18.81	16.00	2.73	2.00	*8.46	3.50	
16% Dairy	16.28	16.00	2.32	2.00	8.88	8.50	
32% Dairy Supplement	35.03	32.00	1.88	1.00	7.19	8.00	
32% Dairy Supplement	34.71	32.00	1.95	1.00	7.61	8.00	
Laying Mash	22.81	20.00	4.26	2.50	4.36	6.50	
Laying Mash	20.94	20.00	3.81	2.50	4.20	6.50	
Pig Meal	16.25	14.00	4.53	3.00	5.46	5.00	
C. O. Nolt & Son Bird in Hand, Pa.							
20% Egg Mash Medicated	20.94	20.00	4.50	4.00	5.90	6.50	+
North Penn Hide Company, Inc. Elizabethville, Pa.							
Meat & Bone Scraps	57.44	50.00	9.65	6.00	2.16	3.00	
Northampton Farm Bureau Cooperative Assn. Tatamy, Pa.							
Hog Feed	17.50	14.00	3.98	3.50	4.72	7.00	
Northern Ohio Sugar Company Denver, Colo.							
Dried Beet Pulp	9.69	8.00	0.50	--	21.86	22.50	
Dried Beet Pulp	10.00	8.00	0.64	--	19.41	22.50	
Dried Beet Pulp	9.69	8.00	0.70	--	19.38	22.50	
Dried Beet Pulp	10.31	8.00	0.37	--	20.42	22.50	
Dried Beet Pulp	10.31	8.00	0.25	--	18.54	22.50	
Dried Beet Pulp & Beet Molasses	10.31	8.50	0.23	--	13.62	18.00	
Nu Feeds, Inc. Springville, Pa.							
Mineral Mix	32.74	34.00	7.74	8.00			
O'Brien Milling Company Waterford, Pa.							
Complete Growing-Laying Ration	17.19	17.00	4.19	4.00	2.34	3.00	
Complete Starting Ration Medicated	22.25	22.00	4.76	4.00	2.46	3.00	+
Oelwein Chemical Company, Inc. Oelwein, Iowa							
#Baby Pig Starter Pellets Medicated	22.13	18.00	4.02	3.00	2.89	3.00	
Dairy Mineral	21.81	24.00	6.84	6.00	2.93	3.00	
Dairy Mineral	22.97	26.00	6.37	6.00	2.89	3.00	
Dairy Supplement Medicated	32.50	31.00	3.37	2.50	6.02	8.50	
Hog Mineral	17.64	21.00	4.56	4.00			
Occo-Lak for Livestock & Poultry	4.63	4.50	*0.64	1.00	*8.39	4.00	
Occo-Lak for Livestock & Poultry	5.13	4.50	*0.56	1.00	*5.11	4.00	
Occo-Lak for Livestock & Poultry	5.25	4.50	1.09	1.00	7.87	4.00	
P. J. Oesterling & Son, Inc. Butler, Pa.							
All Mash Grower Medicated	17.50	16.00	3.80	3.50	3.83	4.50	+
All Mash Grower Medicated	18.13	16.00	4.00	3.50	4.02	4.50	+
Breeder Mash (Custom Mix)	17.81	--	4.43	--	5.54	--	
6V Chick Starter Medicated	21.56	22.00	3.35	3.00	3.73	4.50	+
Cunningham All Mash Breeder (Custom Mix)	17.50	--	4.17	--	5.59	--	
No. 1 Egg Mash	21.88	20.00	3.28	3.00	5.38	5.50	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
P. J. Oesterling & Son, Inc. - Continued							
Pennsylvania State Farmers Hog Ration	19.13	15.00	4.07	3.00	5.41	9.50	
40% Poultry Concentrate	42.19	40.00	4.61	2.70	4.24	4.40	
25% Pre-Starter Medicated	27.81	25.00	4.89	5.00	4.79	4.50	+
40% Protein Hog Supplement	43.63	40.00	4.91	3.00	4.47	8.00	
The Ogilvie Flour Mills Company, Ltd. Montreal, Canada							
Wheat Bran	14.69	15.00	4.65	3.50	11.98	11.50	
Ohio Blenders, Inc. Toledo, Ohio							
17% Dehydrated Alfalfa w/Ethoxyquin	17.69	17.00	2.71	1.50	23.88	27.00	
17% Dehydrated Alfalfa w/Ethoxyquin	15.94	17.00	2.44	1.50	27.83	27.00	
Old Port Milling Company Port Royal, Pa.							
32% Dairy Concentrate	32.44	32.00	1.54	1.50	8.41	10.00	
16% Dairy Feed	16.88	16.00	2.86	2.00	7.06	11.00	
16% Dairy Feed	15.44	16.00	2.94	2.00	7.38	11.00	
35% Hog Supplement Medicated	38.06	35.00	2.92	2.50	7.76	9.00	+
Lay Mash Medicated	20.63	20.00	4.65	4.20	5.29	6.10	+
Lay Mash Medicated	*16.81	20.00	4.03	4.20	6.13	6.10	+
36% Poultry Supplement	37.81	36.00	3.87	2.50	7.55	8.00	
Orndoff & Stone Everett, Pa.							
Hog Feed	13.13	11.00	3.91	2.50	5.06	11.00	
Mixed Chop	10.44	8.00	3.26	2.00	4.84	10.00	
Mixed Grains for Poultry	10.31	8.00	2.54	2.00	2.04	6.00	
Osceola Products Company Osceola, Ark.							
41% Protein Cottonseed Meal, Solvent Extracted	44.06	41.00	1.80	1.00	10.57	14.00	
Joseph Otto North East, Pa.							
Cow Feed	18.44	18.00	*2.32	3.00	7.22	11.00	
Cow Feed	18.56	18.00	*2.18	3.00	6.66	11.00	
18% Egg Mash	17.63	18.00	2.99	3.00	7.32	8.50	
18% Egg Mash	18.44	18.00	3.55	3.00	5.22	8.50	
Palmer Feed Company Linesville, Pa.							
16% Dairy Feed	18.94	16.00	2.32	2.50	7.14	15.00	
20% Dairy Feed	21.94	20.00	2.26	2.00	7.18	10.00	
Horse Feed	11.66	10.00	2.76	2.50	5.26	9.00	
Palmetto Oil Company Bishopville, South Carolina							
41% Protein Cottonseed Meal, Prime Quality	40.31	41.00	4.21	3.00	11.18	14.00	
J. D. Palm's Mill R. D. 2, Port Royal, Pa.							
14% Dairy Feed	15.94	14.00	2.52	2.00	9.13	10.00	
20% Egg Mash	19.50	20.00	3.80	3.50	3.97	7.00	
20% Egg Mash	19.50	20.00	3.46	3.50	5.37	7.00	
14% Pig & Sow Feed	15.31	14.00	3.73	3.00	3.88	6.00	
Parrish & Heimbecker, Ltd. Toronto, Canada							
Malt Sprouts	23.25	24.00	1.46	1.00	14.81	16.00	
Malt Sprouts	24.81	24.00	1.32	1.00	12.59	16.00	
Malt Sprouts	*14.19	24.00	1.05	1.00	*23.20	16.00	
Malt Sprouts	*20.50	24.00	1.49	1.00	15.73	16.00	
Pasco Packing Company Dade City, Fla.							
Citrus Pulp	6.88	6.00	2.71	3.00	11.96	16.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Lee Patten Seed Company Jersey City, N. J.							
#Wild Bird Food	13.50	10.00	8.77	10.00	7.79	11.00	
Peck's Feed Mill Blairs Mills, Pa.							
Check-R-Mix 16% Dairy Feed Q	15.52	16.00	3.27	3.00	5.49	10.00	
Check-R-Mix Hog Finisher No. 1 A	14.69	14.00	3.86	2.50	3.92	6.00	
Pen Argyl Milling Company, Inc. Pen Argyl, Pa.							
Buckwheat Feed	17.81	18.00	4.27	4.00	10.25	15.00	
Penick & Ford Ltd., Inc. Cedar Rapids, Iowa							
Corn Gluten Feed	*19.69	21.00	2.65	1.00	9.38	10.00	
Penns Creek Flour & Feed Mills R. D. 2, Spring Mills, Pa.							
32% Dairy Concentrate	32.63	32.00	1.87	1.00	7.35	8.50	
36% Dairy Concentrate	35.63	36.00	3.02	3.00	9.47	9.00	
12% Fitting Ration	15.29	12.00	3.07	3.00	8.12	9.00	
38% Hog Supplement	41.25	38.00	4.61	3.00	5.69	6.50	
Mixed Grains for Poultry	9.50	9.00	2.67	2.00	2.60	6.00	
Pep-Mix Chick Starter Medicated	21.25	20.00	3.83	3.00	4.47	6.00	+
Pep-Mix Laying Ration	15.94	16.00	3.65	3.25	2.78	4.50	
Poultry Supplement	35.13	36.00	3.61	2.00	7.54	9.50	
V.M.P. Dairy Balancer #1	36.75	38.00	5.13	3.75	8.25	8.00	
Pennsylvania Farm Bureau Cooperative Assn. Harrisburg, Pa.							
All Mash Medicated	18.13	16.00	3.59	3.00	3.46	5.50	+
Dari 16-M	15.81	16.00	3.02	3.00	7.60	10.00	
Dari 16-M	16.40	16.00	2.88	3.00	6.65	10.00	
Dari 20	21.56	20.00	2.98	2.50	9.19	10.00	
Dari 20	22.50	20.00	2.58	2.50	7.05	10.00	
Grower 18 Medicated	19.19	18.00	3.97	3.00	3.78	7.00	+
Grower 18 Medicated	19.06	18.00	3.66	3.00	3.69	7.00	+
Grower 18 Medicated	18.44	18.00	3.75	3.00	4.60	7.00	+
Layer 20 Medicated	21.69	20.00	3.85	3.00	3.37	5.50	+
Layer 20 Medicated	22.81	20.00	3.60	3.00	3.41	5.50	+
Pork 13 Medicated	16.25	13.00	3.36	3.00	4.07	6.50	+
Pork 13 Medicated	15.31	13.00	3.90	3.00	4.30	6.50	+
Pork 13 Medicated	14.38	13.00	3.73	3.00	4.21	6.50	+
Utility 16	17.50	16.00	2.90	1.75	9.01	10.00	
Wild Bird Feed	11.56	11.00	5.99	4.50	7.11	8.00	
Wild Bird Feed	12.19	11.00	6.75	4.50	7.71	8.00	
Pennsylvania Hide & Rendering Company Division of Van Iderstine Company Avoca, Pa.							
Meat & Bone Scraps	*47.56	50.00	11.15	9.00	3.45	3.00	
People's Drug Stores, Inc. Washington, D. C.							
#Our Own Brand Parrakeet Seed	12.19	10.81	4.75	4.50	5.80	5.50	
John J. Pepin & Company Memphis, Tenn.							
41% Protein Cottonseed Meal, Prime Quality	42.19	41.00	3.53	3.00	12.74	14.00	
Petersburg Milling Company Bessemer, Pa.							
Master Made Egg Mash w/Pellets	20.31	20.00	4.50	4.00	3.87	4.00	
Master Made Pullet Grower Medicated	19.19	18.00	3.63	3.50	5.36	5.50	15
Philadelphia Dry Yeast Company Philadelphia, Pa.							
Brewers Dried Yeast	42.19	43.00	0.67	1.00	3.36	3.00	
Brewers Dried Yeast	50.25	43.00	0.59	1.00	2.68	3.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
The Philadelphia Seed Company, Inc.							
Philadelphia, Pa.	14.56	13.50	3.10	2.50	3.27	5.00	
Breeding Feed	15.94	14.00	2.87	3.00	3.18	5.00	
Condition Feed	16.00	13.00	2.91	3.00	3.42	5.00	
Flying Feed	13.13	12.30	2.81	2.00	2.40	4.00	
Pigeon Feed No. 2	11.31	11.00	5.30	3.00	4.64	8.00	
Wild Bird Food							
Phillips' Feed Service, Inc.							
Germansville, Pa.	18.69	16.00	2.89	2.50	7.75	9.00	
Check-R-Mix 16% Dairy Feed MW	17.50	17.00	3.83	3.50	4.67	6.00	15
Check-R-Mix Growing Feed (All Mash) SB (20)							
Medicated	18.50	17.00	3.56	3.50	4.90	6.00	+
Check-R-Mix Growing Feed (All Mash) SB (20)	23.75	22.00	3.47	3.50	4.44	7.00	
Medicated	17.81	16.00	2.92	2.50	6.05	6.00	
Check-R-Mix Laying Mash LN							
Check-R-Mix Pig Grower (SD)							
Pillsbury Company							
Minneapolis, Minn.	14.69	13.50	4.34	2.50	9.97	12.00	
Wheat Bran w/Ground Wheat Screenings	15.00	13.50	3.77	2.50	10.89	12.00	
Wheat Bran w/Ground Wheat Screenings	15.94	13.50	4.56	2.50	10.98	12.00	
Wheat Bran w/Ground Wheat Screenings	15.63	14.50	3.48	3.50	8.44	9.50	
Wheat Middlings w/Ground Wheat Screenings	14.69	14.50	3.21	3.50	8.07	9.50	
Wheat Middlings w/Ground Wheat Screenings							
Pittsburgh Brewing Company							
Pittsburgh, Pa.	25.00	24.00	5.40	6.00	15.18	18.00	
Brewers Dried Grains							
Pittsburgh Plate Glass Company							
Red Wing, Minn.	36.25	32.00	0.65	0.50	8.48	11.00	
32% Protein Linseed Meal, Solvent Extracted	35.94	32.00	0.59	0.50	8.46	11.00	
32% Protein Linseed Meal, Solvent Extracted							
L. C. Plank							
R. D. 1, Biglerville, Pa.	20.81	20.00	4.17	3.00	5.26	6.50	
20% Laying Mash							
Planters Cotton Oil Company							
Rocky Mount, N. C.	42.25	41.00	2.80	3.00	11.65	14.00	
41% Protein Cottonseed Meal, Solvent Extracted							
Planters Peanuts							
Div. of Standard Brands, Inc.	39.19	36.00	7.01	4.50	6.47	7.00	
Suffolk, Va.	40.00	36.00	5.40	4.50	6.46	7.00	
36% Protein Peanut Meal	42.81	41.00	5.54	4.50	6.25	7.00	
36% Protein Peanut Meal	48.94	45.00	4.87	3.50	4.66	6.00	
41% Protein Peanut Meal	15.31	10.00	13.92	10.00	12.95	15.00	
45% Protein Peanut Meal							
Peanut Skins							
Frank Platt & Company							
Spartansburg, Pa.	20.31	18.00	3.02	2.00	6.39	9.00	
Dairy Feed							
Pleasant Valley Roller Mills							
R. D. 1, Leesport, Pa.	20.90	21.00	3.70	2.50	7.28	7.00	
Calf Food Pellets	22.19	21.00	5.36	3.50	4.64	5.50	+
Chick Starter Medicated	30.38	30.00	3.37	2.25	4.31	5.00	
Hog Concentrate							
Post Division							
General Foods Corporation	20.13	16.00	4.07	3.00	19.18	21.00	
Battle Creek, Mich.	17.38	16.00	3.12	3.00	21.28	21.00	
Cereal Feed	10.31	9.00	2.05	1.50	2.13	4.00	
Cereal Feed	14.69	12.00	3.24	2.50	9.55	12.00	
Mixed Cereal Feed							
Wheat Bran							

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Pottstown Roller Mills Pottstown, Pa.							
Egg Mash	21.25	20.00	3.66	3.00	5.66	5.50	
Prestons, Inc. Canton, Pa.							
Chop	12.19	9.00	3.72	3.00	5.76	9.00	
16% Dairy	16.81	16.00	4.46	3.00	7.07	10.00	
18% Dairy	18.75	18.00	4.59	3.00	7.41	10.00	
Egg Mash	21.56	20.00	3.24	3.00	3.54	5.50	
Fitting Ration	16.06	14.00	4.18	3.00	7.31	10.00	
Sweet Dairy	20.94	20.00	4.24	3.00	6.81	10.00	
The Price-Wilhoite Company Frederick, Md.							
Dog Food (Baked Kibbled Biscuit)	24.06	22.00	5.06	3.00	2.37	3.00	
Pringle Feed Store Greenville, Pa.							
Hi-Calorie Egg Mash	22.50	20.00	5.52	3.50	2.48	3.50	
16% More Milk	18.44	16.00	3.44	2.50	6.12	10.00	
Pritts Feed Mill Mount Pleasant, Pa.							
Complete Layer	16.44	15.00	3.73	3.50	3.50	5.00	
Complete Layer w/Pellets	17.50	15.00	3.72	3.50	4.13	5.00	
16% Dairy Feed	16.64	16.00	2.20	2.50	8.07	9.00	
Hog Meal	14.69	13.50	3.17	3.00	3.53	3.50	
Master Made All Mash Pullet Grower Medicated	16.25	16.50	3.75	3.50	3.69	6.00	15
#Master Made Pig Meal Medicated	15.63	16.00	3.66	3.00	3.84	5.00	1
Pritts Feed & Supply Smithton, Pa.							
All Mash Pullet Grower	18.75	16.50	3.71	3.50	5.00	6.00	
Master Made Hi-Calorie All Mash Layer w/Pellets	19.06	17.00	4.35	4.00	2.35	3.50	
Pig & Hog Feed	14.13	14.00	3.56	3.00	3.72	6.00	
Publicker Industries, Inc. Philadelphia, Pa.							
25% Corn Distillers Dried Grains	25.81	25.00	9.38	8.00	7.32	15.00	
25% Corn Distillers Dried Grains	25.94	25.00	11.20	8.00	9.36	15.00	
25% Corn Distillers Dried Grains	27.81	25.00	10.40	8.00	9.87	15.00	
25% Corn Distillers Dried Grains	28.44	25.00	10.12	8.00	10.35	15.00	
25% Corn Distillers Dried Grains	27.19	25.00	10.47	8.00	9.23	15.00	
Purity Flour Mill, Inc. R. D. 1, Mill Hall, Pa.							
Hog Meal	17.19	15.00	3.10	2.50	4.68	8.00	
Laying Mash	22.69	20.00	4.21	2.50	6.24	6.50	
32% Mixing Dairy	36.63	32.00	2.19	2.50	9.34	10.00	
32% Mixing Dairy	33.13	32.00	2.41	1.50	10.21	10.00	
The Quaker Oats Company Chicago, Ill.							
0.00088% Diethylstilbestrol Mixture in 35 Cattle-izer Beef Supplement (D4)	35.94	35.00	5.70	4.00	9.29	10.00	+
0.00088% Diethylstilbestrol Mixture in Super Cattle-izer Beef Supplement (D4)	35.31	35.00	5.85	4.00	10.99	10.00	+
0.0011% Diethylstilbestrol Mixture in Pro-Sweet Supplement	26.88	24.00	1.74	1.50	8.32	10.00	+
Ful-O-Pep 0.0011% Diethylstilbestrol Mixture in Pro-Sweet Supplement	25.00	24.00	1.97	1.50	10.34	10.00	+
Ful-O-Pep Breeder Concentrate	40.00	38.00	4.51	3.00	5.12	8.00	
Ful-O-Pep Cattle-izer Dairy Concentrate	34.70	32.00	9.70	8.00	6.08	7.00	
Ful-O-Pep Cattle-izer Dairy Concentrate	33.88	32.00	11.32	8.00	5.11	7.00	
Ful-O-Pep Cattle-izer Dairy Concentrate	37.25	32.00	10.17	8.00	6.51	7.00	
Ful-O-Pep Chick Starter (W) Medicated	20.63	20.00	4.32	4.00	3.64	6.50	+
Ful-O-Pep Egg Ration L	17.50	15.00	2.83	3.00	3.88	7.00	
Ful-O-Pep Growing Mash	20.63	19.00	4.44	3.50	6.20	8.00	
Ful-O-Pep Hog Supplement	34.75	36.00	3.62	1.50	5.81	10.00	
Ful-O-Pep Laying Mash L	23.44	20.00	2.92	3.00	4.92	8.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
The Quaker Oats Company - Continued							
Ful-O-Pep Milking 40	41.25	40.00	1.63	1.00	9.85	12.00	
Ful-O-Pep Pig Grower (K) Medicated	19.25	16.00	3.89	3.00	5.02	5.00	+
Ful-O-Pep Starter Grower Concentrate (W5) Medicated	40.56	38.00	3.66	2.50	4.94	6.00	+
Ful-O-Pep Starter Grower Concentrate (W5) Medicated	39.06	38.00	4.08	2.50	6.50	6.00	+
Ful-O-Pep 45% Super Broiler Concentrate (W2) L Medicated	48.44	45.00	7.38	6.00	3.11	5.00	17
Ful-O-Pep Super Broiler Concentrate (W3) Medicated	48.75	46.00	7.22	4.50	2.48	5.00	+
Ful-O-Pep Super Broiler Concentrate (W3) L Medicated	45.63	46.00	5.01	4.50	3.64	5.00	+
Ful-O-Pep Super Broiler Finisher (RR) L Medicated	20.31	20.00	5.13	5.00	2.63	3.50	+
Ken-L-Burger	14.45	15.00	7.44	6.00	0.51	1.00	
Ken-L-Ration Dog Food	10.75	10.00	4.64	3.50	0.49	1.00	
Ken-L-Ration (Liver Flavor)	10.96	10.00	4.31	3.50	0.60	1.00	
Vim Oat Mill By-Product	3.13	2.50	1.35	1.00	31.30	32.00	
Vim Oat Mill By-Product	3.88	2.50	1.76	1.00	28.22	32.00	
Vim Oat Mill By-Product	4.69	2.50	1.26	1.00	29.17	32.00	
Wheat Bran	17.50	15.00	4.88	3.50	11.03	11.50	
Ralston Purina Company St. Louis, Mo.							
Beef Chow	33.44	32.00	2.36	0.50	9.55	14.00	
Breeder Layena	17.50	16.00	4.07	3.50	3.25	4.50	
Brewers Dried Grains	29.69	22.00	6.87	5.00	11.52	18.00	
Bulky Las	10.63	10.00	1.63	1.00	13.96	15.00	
Bulky Las	10.73	10.00	1.64	1.00	12.03	15.00	
Cage Layena	19.38	17.00	4.53	4.00	3.15	4.50	
Cage Layena	18.56	17.00	4.45	4.00	3.17	4.50	
Cage Layena	17.81	17.00	4.77	4.00	4.83	4.50	
Cage Layena	18.44	17.00	4.97	4.00	3.19	4.50	
Cage Layena	14.72	14.00	3.22	2.50	4.72	8.00	
Calf Chow	20.63	19.50	6.80	5.00	7.75	11.00	
Calf Startena	37.81	30.00	10.86	7.00	1.94	4.50	
Cat Chow	9.88	9.00	3.08	2.00	1.92	4.00	
Chick Chow	33.44	32.00	2.79	1.00	7.88	10.00	
Cow Chow Concentrate	20.00	17.00	4.01	3.00	5.47	7.00	+
Chick Growena ZO Medicated	18.81	17.00	3.53	3.00	4.93	7.00	15
Chick Growena ZO Medicated	17.69	17.00	4.14	3.00	4.28	7.00	+
Chick Growena ZO Medicated	21.25	18.00	3.76	3.00	4.72	6.00	
Chick Startena	21.38	18.00	4.40	3.00	5.49	6.00	+
Chick Startena ZO-V Medicated	20.50	18.00	4.57	3.00	5.62	6.00	+
Chick Startena ZO-V Medicated	20.81	18.00	3.93	3.00	4.40	6.00	
Chick Startena ZO-V Medicated	38.00	36.00	4.68	3.50	6.68	8.00	
Commercial Egg Concentrate	19.06	16.00	3.89	2.50	5.19	6.00	
Complete Sow Chow	14.69	14.00	3.95	2.50	3.25	6.00	
Complete Sow Chow	15.63	14.00	3.64	2.50	4.88	6.00	
Complete Sow Chow	27.50	28.00	8.42	6.00	7.90	15.00	
Corn Distillers Dried Grains	9.38	8.00	3.67	2.00	2.00	4.00	
Corn Feed Meal	35.31	32.00	1.92	1.00	6.86	10.00	
Cow Chow Concentrate 32%	36.13	32.00	2.09	1.00	6.47	10.00	
Cow Chow Concentrate 32%	35.69	32.00	3.65	1.00	7.12	10.00	
Cow Chow Concentrate 32%	37.38	36.00	1.92	1.00	6.72	10.00	
Cow Chow Concentrate 36%	52.19	50.00	2.53	1.00	5.61	10.00	
Cow Chow Concentrate 50%	51.25	50.00	2.83	1.00	4.97	10.00	
Cow Chow Concentrate 50%	36.56	32.00	2.23	1.00	7.06	10.00	
Cow Chow Concentrate (F) 32%	57.50	50.00	2.43	1.00	5.60	10.00	
Cow Chow Concentrate (F) 50%	15.25	16.00	3.23	2.50	*10.91	6.00	
Cow Chow D 16%	17.81	16.00	3.89	2.50	5.32	6.00	
Cow Chow D 16%	17.50	16.00	4.20	2.50	5.03	6.00	
Cow Chow D 16%	16.88	16.00	4.70	2.50	5.51	6.00	
Cow Chow D (G) 16%	17.81	18.00	3.31	2.50	6.98	10.00	
Cow Chow G 18%	18.44	16.00	3.12	2.50	11.55	15.00	
Dairy Chow 16%	17.19	16.00	3.02	2.50	11.78	15.00	
Dairy Chow 16%	16.70	16.00	3.14	2.50	6.75	12.00	
Dairy Chow I 16%	16.42	16.00	2.23	2.50	9.53	12.00	
Dairy Chow I (G) 16%	17.63	16.00	3.68	2.50	8.32	12.00	
Dairy Chow I (G) 16%	16.99	16.00	2.00	2.50	10.40	12.00	
Dairy Chow I (G) 16%	17.40	16.00	2.17	2.50	10.35	12.00	
Dairy Chow I (G) 16%	17.39	16.00	2.66	2.50	6.94	12.00	
Dairy Chow I (G) 16%	36.88	32.00	2.20	1.00	7.44	10.00	
Dairy Concentrate 32%	32.48	32.00	1.90	1.00	6.42	10.00	
Dairy Concentrate 32%	32.50	32.00	3.01	1.00	7.05	10.00	
Dairy Concentrate G 32%	34.06	32.00	3.96	1.00	6.83	10.00	
Dairy Concentrate G 32%	15.94	12.50	4.29	2.50	8.00	11.00	
D & F Chow	15.31	12.50	3.35	2.50	7.28	11.00	
D & F Chow	13.58	12.50	2.50	2.50	8.56	11.00	

Ralston Purina Company - Continued

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MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Reading Poultry Food Company Reading, Pa.							
Fish Meal w/Solubles	59.69	60.00	6.69	3.00	0.93	5.00	
Fish Meal w/Solubles	62.50	60.00	6.64	3.00	1.14	5.00	
Special Steamed Bone Meal w/Precipitate Bone Phosphate	0.94	0.20	0.08	0.10	3.55	3.00	
Special Steamed Bone Meal w/Precipitate Bone Phosphate	0.31	0.20	0.06	0.10	1.95	3.00	
Special Steamed Bone Meal w/Precipitate Bone Phosphate	1.19	0.20	0.06	0.10	4.11	3.00	
Red Bank Mills New Bethlehem, Pa.							
40% Dairy Supplement	45.31	40.00	1.31	1.00	6.25	8.00	
40% Dairy Supplement	41.91	40.00	1.25	1.00	6.72	8.00	
Egg Mash	22.50	20.00	4.15	3.00	4.86	7.00	
Egg Mash	21.88	20.00	4.38	3.00	4.11	7.00	
32% Excel Dairy	35.94	32.00	1.86	2.00	8.36	11.00	
32% Excel Dairy	37.84	32.00	2.02	2.00	6.62	11.00	
40% Hog Concentrate	42.19	40.00	4.77	2.00	5.98	8.50	
40% Hog Concentrate	41.38	40.00	4.91	2.00	4.69	8.50	
Special Hog Feed	19.06	15.00	3.99	3.00	5.40	8.00	
16% Star Dairy	16.56	16.00	2.79	2.00	6.68	11.00	
16% Star Dairy	16.04	16.00	2.48	2.00	6.29	11.00	
20% Superior Dairy	21.25	20.00	3.23	2.00	6.80	11.00	
20% Superior Dairy	21.57	20.00	2.84	2.00	5.83	11.00	
Red Lion Milling Company Red Lion, Pa.							
Winter Wheat Bran	16.38	12.00	3.72	2.50	9.85	11.00	
Winter Wheat Middlings	17.94	13.00	4.43	2.50	7.88	8.50	
Reece & Greenly Company, Inc. Millville, Pa.							
Buckwheat Offal Feed	13.44	13.00	3.52	3.00	30.99	30.00	
Growing Mash	20.94	20.00	4.49	4.00	4.24	6.00	
Hog Supplement	36.81	36.00	3.78	4.00	7.26	8.00	
Laying Mash	21.19	20.00	4.06	3.50	5.26	6.00	
Reed Milling Company Brookville, Pa.							
20% Chick Starter Mash	21.88	20.00	3.84	3.00	4.99	6.00	
16% Dairy Feed	18.48	16.00	2.96	2.00	6.66	11.00	
16% Dairy Feed	20.19	16.00	2.57	2.00	7.06	11.00	
20% Dairy Feed	23.56	20.00	3.04	2.00	8.03	11.00	
20% Dairy Feed	20.56	20.00	2.83	2.00	7.03	11.00	
20% Dairy Feed	19.85	20.00	2.40	2.00	7.20	11.00	
20% Dairy Feed	35.91	32.00	2.49	2.00	6.09	11.00	
32% Dairy Supplement	34.42	32.00	*1.42	2.00	7.10	11.00	
32% Dairy Supplement	41.57	40.00	0.98	1.00	6.27	8.00	
40% Dairy Supplement	21.56	20.00	4.09	3.00	5.09	7.00	
20% Egg Mash	22.81	20.00	3.76	3.00	4.32	7.00	
20% Egg Mash	23.13	20.00	3.30	3.00	5.56	7.00	
20% Egg Mash	38.81	40.00	4.87	1.00	4.65	8.00	
40% Hog Concentrate	38.94	40.00	4.49	1.00	4.85	8.00	
40% Hog Concentrate	16.56	15.00	3.65	3.00	7.81	8.00	
Special Pig Feed	19.06	15.00	4.15	3.00	5.98	8.00	
Special Pig Feed	19.06	15.00	3.17	3.00	5.87	8.00	
A. F. Rees, Inc. Greencastle, Pa.							
Meat & Bone Scraps	47.63	50.00	11.97	8.00	2.06	2.25	
Meat & Bone Scraps	*47.19	50.00	11.96	8.00	2.71	2.25	
Robert A. Reichard, Inc. Allentown, Pa.							
60% Digester Tankage	61.56	60.00	9.82	5.00	7.45	4.00	
50% Meat & Bone Scrap	50.31	50.00	11.25	6.00	2.71	3.00	
50% Meat & Bone Scrap	50.00	50.00	14.39	6.00	1.58	3.00	
50% Meat & Bone Scrap	51.25	50.00	14.09	6.00	1.79	3.00	
Sterilized Steam Bone-Feeding	13.69	5.00	9.48	0.20	5.37	4.00	
C. W. Reigle Sons Paxtonville, Pa.							
20% Layer	*18.44	20.00	2.89	2.50	4.02	5.50	
Pig Meal	18.13	16.00	3.20	3.50	4.16	6.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
J. H. Reitz & Son, Inc. R. D. 4, Lititz, Pa.							
Sow Feed	18.13	16.00	3.66	3.00	6.17	8.00	
Rhoads Mill, Inc. Selinsgrove, Pa.							
Corn & Oats Chop	8.75	9.00	3.27	3.00	*7.98	6.00	
16% Dairy Feed	20.31	16.00	4.07	2.50	7.55	8.00	
32% Dairy Feed	35.31	32.00	1.77	3.00	7.31	7.50	
Hog Concentrate Medicated	35.44	36.00	4.53	2.50	6.17	8.00	+
Master Made Hi-Calorie All Mash Layer	17.50	17.00	4.32	4.00	2.53	3.50	
Master Made Pig Starter & Grower	15.31	14.00	3.34	3.00	4.53	6.00	
Master Made Pig Starter & Grower	15.63	14.00	3.64	3.00	3.90	6.00	
Pig Feed Medicated	15.94	13.00	3.74	2.50	3.93	5.00	+
Pig Feed Medicated	16.25	13.00	3.46	2.50	3.93	5.00	+
Poultry Concentrate	40.00	36.00	4.56	3.00	6.00	6.00	
#44% Protein Soybean Meal, Solvent Extracted	47.69	44.00	1.23	0.50	6.32	7.00	
Wheat Bran	15.94	14.00	2.69	4.00	8.52	8.00	
Wheat Bran	15.31	14.00	3.53	4.00	7.52	8.00	
Wheat Bran	15.63	14.00	3.85	4.00	7.11	8.00	
Wheat Middlings	15.31	14.00	3.62	4.00	4.22	8.00	
Wheat Middlings	14.38	14.00	3.69	4.00	4.07	8.00	
Richfield Feed Mill Richfield, Pa.							
32% Dairy Supplement	35.44	32.00	2.40	1.50	6.28	7.00	
Golden Laying Mash Medicated	20.75	20.00	5.22	3.50	4.77	5.50	+
Golden Starter Medicated	24.88	23.00	6.33	6.00	4.28	3.50	+
Hi-Energy All Mash Layer Medicated	17.19	17.50	4.49	3.00	3.22	4.50	+
Hi-Energy All Mash Layer Medicated	16.56	17.50	4.55	3.00	4.20	4.50	+
Hog Feed	16.56	15.00	4.66	3.00	4.03	5.50	
Hog Feed	16.88	15.00	4.88	3.00	5.97	5.50	
36% Poultry Concentrate Medicated	36.56	36.00	4.16	6.00	5.65	7.50	+
36% Poultry Concentrate Medicated	40.44	36.00	*4.33	6.00	5.64	7.50	+
Richland Feed Company Richlandtown & South Perkasie, Pa.							
16% Dairy Feed	17.08	16.00	2.38	3.00	7.49	9.00	
Egg Mash	20.38	20.00	4.29	3.50	7.20	7.00	
16% Pig Meal	16.88	16.00	4.06	3.50	6.01	7.00	
Rabbit Pellets	15.31	15.00	2.71	2.50	9.53	9.50	
18% Starter & Grower	20.94	18.00	4.17	3.50	7.19	7.50	
#18% Starter & Grower Medicated	21.38	18.00	4.78	3.50	6.32	7.50	
Riegel's Feed & Grain Durham, Pa.							
Check-R-Mix Laying Mash LN	21.13	20.00	4.18	3.00	6.89	8.00	
Hi-Quality Pig & Hog Feed	17.50	16.00	3.02	2.50	6.00	8.00	
J. S. Riley & Company New Castle, Pa.							
20% Dairy Ration	26.13	20.00	2.88	2.00	6.05	11.00	
Growing Mash	20.94	18.00	4.11	3.00	5.33	5.10	
Hog Feed	17.50	17.00	3.21	3.00	4.17	8.00	
Layer Breeder Mash Medicated	20.00	20.00	4.66	3.50	4.28	6.00	1a
Laying Mash Medicated	20.63	20.00	3.37	3.50	3.29	6.00	1a
Pig & Sow Meal	19.06	18.00	3.37	3.50	5.91	6.50	
42% Protein Mix Mate	42.50	42.00	5.78	3.00	5.14	12.00	
Starting Mash Medicated	22.19	20.00	3.93	3.00	4.46	8.00	+
River Brand Rice Mills, Inc. Memphis, Tenn.							
#Rice Bran	11.88	12.00	12.93	12.00	11.15	12.00	
Roberts Feed Mill Peckville, Pa.							
16% Dairy Feed	18.44	16.00	3.26	3.50	7.32	7.00	
20% Dairy Feed	*18.44	20.00	3.12	3.00	6.54	8.00	
20% Dairy Feed	20.00	20.00	3.15	3.00	6.77	8.00	
Layer Mash	18.44	18.00	4.43	3.50	5.12	7.50	
H. Rockwell & Son Canton, Pa.							
Calf Grower	19.25	15.00	3.87	3.00	6.26	7.50	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
H. Rockwell & Son - Continued							
Dairy Ration	22.19	20.00	3.57	3.50	9.85	10.00	
16% Dairy Ration	18.56	16.00	3.72	3.50	8.09	10.00	
Fitting Ration	15.94	14.00	4.28	3.50	8.62	9.00	
Fitting Ration	16.25	14.00	4.84	3.50	9.47	9.00	
Hen-O-La Mash	20.63	20.00	5.03	3.50	6.04	9.00	
Hen-O-La Mash	21.56	20.00	4.31	3.50	5.85	9.00	
32% Mixing Ration	31.17	32.00	2.79	2.50	6.60	10.00	
32% Mixing Ration	32.80	32.00	2.71	2.50	6.23	10.00	
Rohloff Brothers, Inc. Graytown, Ohio							
Dehydrated Alfalfa Meal w/Animal Fat	17.81	17.00	4.85	3.00	24.10	27.00	
Rohm's Feed Mill Breezewood, Pa.							
Dog & Puppy Food	25.63	23.00	6.03	4.00	3.56	4.00	
Pep-Mix Breeder Ration	16.88	16.00	3.69	3.00	3.02	6.00	
Pep-Mix Breeder Ration	16.56	16.00	4.05	3.00	3.29	6.00	
Rome Oil Mill Division Hunt Food & Industries, Inc. Rome, Georgia							
#41% Protein Cottonseed Meal	42.50	41.00	4.04	3.00	11.86	14.00	
Ben. Rosenberg, Inc. Philadelphia, Pa.							
#"B" Pigeon Feed	11.25	11.00	2.91	2.50	3.18	4.00	
Breeding Pigeon Feed	13.44	11.75	2.78	2.00	2.39	4.25	
N. P. Special Pigeon Feed	11.63	10.40	2.53	1.75	4.07	3.75	
Pigeon Feed No. 3	*11.69	13.15	2.98	2.65	2.13	4.70	
Pigeon Feed No. 3	11.25	13.15	3.27	2.65	2.59	4.70	
Pigeon Feed No. 5	13.75	14.40	3.20	1.75	2.25	4.60	
Y.B.R. & Conditioning Pigeon Food	16.38	12.65	2.37	1.40	2.81	5.15	
Ross Brothers Kingsley, Pa.							
Crimped Dairy Ration	18.75	18.00	4.96	5.00	8.71	9.00	
16% Dairy	18.63	16.00	4.07	4.00	8.48	9.00	
16% Dairy	17.87	16.00	*3.45	4.00	6.74	9.00	
Fitting Ration	13.75	12.00	4.32	4.50	7.50	9.00	
Silo Mix	17.75	10.00	2.49	2.00	14.12	18.00	
Super 16%	18.68	16.00	4.54	4.50	6.68	9.00	
Roth Milling Company Prospect, Pa.							
32% Dairy	34.69	32.00	1.75	2.00	6.56	7.00	
Dog Food	*21.13	23.00	4.67	6.00	3.02	6.00	
Dog Food	23.75	23.00	5.95	6.00	4.37	6.00	
Life Cycle Mash	20.63	20.00	3.86	4.00	4.96	7.00	
Life Cycle Mash	20.94	20.00	4.09	4.00	6.88	7.00	
Roup's Mill Danville, Pa.							
Master Made Egg Mash	20.94	20.00	3.92	2.50	5.88	6.50	
Master Made Hog Fattener	15.63	13.00	3.57	3.50	6.20	6.00	
Master Made Hog Fattener	13.94	13.00	3.49	3.50	6.19	6.00	
J. O. Ryder Rendering Company Matamoras, Pa.							
Meat & Bone Meal	49.44	50.00	10.60	6.00	1.53	3.00	
Meat & Bone Meal	48.13	50.00	10.30	6.00	1.76	3.00	
Sacramento Roller Mills Sacramento, Pa.							
Hog Feed	16.38	15.00	3.50	3.00	5.36	7.00	
Steer Feed	10.63	10.00	3.06	3.00	6.01	12.00	
Sandy Lake Mills Sandy Lake, Pa.							
16% Dairy Feed	18.13	16.00	3.86	2.00	7.08	10.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Sandy Lake Mills - Continued							
16% Dairy Feed	16.56	16.00	3.49	2.00	6.52	10.00	
20% Dairy Feed	21.56	20.00	2.89	2.00	7.58	9.00	
40% Dairy Supplement	42.38	40.00	2.39	2.00	8.19	9.00	
40% Dairy Supplement	39.50	40.00	1.92	2.00	8.42	9.00	
20% Egg Mash	21.88	20.00	3.99	3.00	6.92	8.50	
20% Egg Mash	22.69	20.00	4.16	3.00	6.55	8.50	
Growing Mash	18.13	18.00	3.34	4.00	5.77	6.00	
40% Hog Supplement	42.19	40.00	2.52	2.50	6.16	8.00	
40% Hog Supplement	*37.94	40.00	3.04	2.50	5.63	8.00	
Pig & Hog Feed	16.56	15.00	4.14	2.50	5.89	8.00	
Pig & Hog Feed	16.88	15.00	3.73	2.50	7.04	8.00	
Saskatchewan Wheat Pool No. 8 Fort William, Ontario, Canada							
Ground Flax Screenings	14.63	15.00	*7.61	10.00	16.27	15.00	
C. E. Sauder & Sons East Earl, Pa.							
#16% Dairy Feed	16.56	16.00	2.57	3.00	10.74	9.00	
20% Grower	22.19	20.00	3.32	3.00	4.80	6.50	
Earl Sauder, Inc. New Holland, Pa.							
17% Caged Layer	17.81	17.00	4.62	4.50	4.25	4.50	
20% Chick Starter	22.69	20.00	4.73	4.00	4.54	6.50	
18% Pullet Builder Medicated	*15.56	18.00	3.87	4.00	6.26	7.50	+
#Sweet 24% Dairy	24.38	24.00	3.40	4.00	9.12	9.00	
S. F. Scattergood & Company, Inc. The Bourse, Philadelphia, Pa.							
Ground White Oats	9.56	10.00	*2.08	2.50	15.47	15.00	
Pulverized White Oats	10.63	10.00	2.59	2.50	13.78	15.00	
Schappal Feed Store Barnesville, Pa.							
Scratch Grains	10.00	9.00	2.15	2.00	2.56	4.00	
Schenley Distillers, Inc. Grain Department New York, N. Y.							
Corn Distillers Dried Grains w/Solubles	27.19	24.00	6.31	5.00	6.83	13.00	
Corn Distillers Dried Grains w/Solubles	27.19	24.00	8.37	5.00	10.55	13.00	
Jos. Schlitz Brewing Company Milwaukee, Wis.							
Brewers Dried Grains	28.31	26.00	6.22	6.00	13.21	16.00	
Brewers Dried Grains	33.13	26.00	6.33	6.00	11.05	16.00	
Brewers Dried Grains	32.69	26.00	5.75	6.00	13.51	16.00	
Walter L. Schoemaker R. D. 1, Orefield, Pa.							
Egg Mash Medicated	23.13	20.00	3.47	3.50	4.56	5.50	+
Pig & Hog Feed Medicated	16.88	15.00	3.18	3.00	5.38	6.00	+
Schoeneck Farms, Inc. Nazareth, Pa.							
17% Dehydrated Alfalfa Meal	17.50	17.00	3.26	2.00	24.17	27.00	
17% Dehydrated Alfalfa Meal	19.38	17.00	4.20	2.00	20.89	27.00	
17% Dehydrated Alfalfa Pellets	17.13	17.00	3.59	2.00	25.41	27.00	
20% Dehydrated Alfalfa Pellets	21.56	20.00	3.95	2.00	22.40	25.00	
Scranton Processing Company, Inc. Scranton, Pa.							
Meat & Bone Meal	52.81	50.00	8.42	9.00	2.33	3.00	
Meat & Bone Meal	50.31	50.00	8.93	9.00	2.48	3.00	
Meat & Bone Meal	*48.19	50.00	10.65	9.00	1.88	3.00	
Meat & Bone Meal	48.88	50.00	9.12	9.00	2.02	3.00	



MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Seaboard Seed Company Philadelphia, Pa.	12.19	11.00	4.53	4.00	5.07	8.00	
Wild Bird Food							
Sea Board Supply Company Philadelphia, Pa.	27.06	22.00	22.17	21.00	5.02	7.00	
Chee-Mix	22.81	20.00	16.41	10.00	27.58	34.00	
#Dried Tomato Pulp	Calcium		Phosphorus		Salt		
General Purpose Mineral Feed A	27.55	30.00	5.78	5.00	11.15	11.00	
General Purpose Mineral Feed A	Calcium		Phosphorus		Salt		
Mineral Base	29.61	30.00	5.26	5.00	9.73	11.00	
Mineral Base 14	Calcium		Phosphorus				
Mobil-Mix A	31.08	31.00	11.95	10.00			
Mobil-Mix B	Calcium		Phosphorus				
Mobil-Mix C	31.88	35.00	14.81	14.00			
Sterilized Steamed Bone Meal	Calcium		Phosphorus		Salt		
Trace Mineral B	15.13	12.00	6.01	5.00	51.15	51.00	
	Calcium		Phosphorus		Salt		
	22.48	24.00	6.86	4.00	39.97	40.00	
	Calcium		Phosphorus		Salt		
	17.96	19.00	4.59	4.00	50.87	51.00	
	Calcium		Phosphorus				
	26.99	26.00	12.64	12.00			
	Calcium						
	32.69	36.00					
Seacoast Products, Inc. Lewes, Del.	64.63	60.00	11.70	5.00	0.41	3.00	
#Fish Meal	63.44	60.00	10.11	5.00	1.05	3.00	
#Fish Meal							
Joseph E. Seagram & Sons, Inc. New York, N. Y.	28.00	24.00	10.80	8.00	12.29	14.00	
Corn Distillers Dried Grains							
Segal's Feed & Supply Company Philadelphia, Pa.	16.88	13.00	*2.16	3.00	5.92	8.00	
Supreme Fattener	16.19	13.00	2.78	3.00	5.83	8.00	
Supreme Fattener							
LeRoy M. Sensenig R. D. 3, Ephrata, Pa.	16.25	14.50	4.17	3.50	4.05	5.50	
All Mash Pullet Developer	16.33	15.00	2.71	3.00	5.50	7.00	
Calf Grower							
Shaffer's Mobile Feed Service Monroeton, Pa.	15.64	13.00	3.32	3.00	5.39	8.00	
Wayne-Mix Calf Grower	14.69	12.00	3.52	3.00	3.01	5.00	
Wayne-Mix Hog Grower	12.81	12.00	3.85	3.00	5.56	9.00	
Wayne-Mix Horse Feed	13.44	12.00	3.76	3.00	7.85	9.00	
Wayne-Mix Horse Feed							
Blaine E. Shambaugh Blain, Pa.	17.50	16.00	3.17	2.50	6.30	9.00	
16% Dairy Feed	22.31	21.00	4.71	3.00	2.76	3.00	
Egg Mash	18.13	17.00	4.40	3.00	2.24	3.00	
Laying Ration							
Shank's Mill Waynesboro, Pa.	16.38	16.00	2.95	3.00	5.82	7.00	
Pig & Hog Feed	15.06	15.00	*2.95	3.50	3.20	7.00	
Wheat Middlings							
D. H. Sharrer & Son, Inc. New Oxford & Littlestown, Pa.	22.50	23.00	7.59	4.00	2.68	4.50	+
Broiler Starter Medicated	37.81	36.00	3.55	2.50	*5.80	5.00	+
36% Layer Supplement Medicated	16.56	16.00	3.97	3.50	4.00	5.00	
Laying Feed (All Mash)	23.13	22.00	4.02	3.50	4.66	7.00	
Laying Mash							

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
H. K. Shenk Sheridan, Pa.							
Ultra-Lifed 20% Laying Mash	23.75	20.00	3.59	3.00	5.44	6.75	
Sherwin-Williams Company Cleveland, Ohio							
32% Linseed Meal, Solvent Extracted	34.25	32.00	1.60	0.50	8.96	11.00	
32% Linseed Meal, Solvent Extracted	35.31	32.00	1.39	0.50	9.40	11.00	
32% Linseed Meal, Solvent Extracted	32.81	32.00	1.47	0.50	9.54	11.00	
32% Linseed Meal, Solvent Extracted	35.63	32.00	1.49	0.50	8.75	11.00	
32% Linseed Meal, Solvent Extracted	33.13	32.00	1.36	0.50	10.22	11.00	
32% Linseed Meal, Solvent Extracted	37.81	32.00	1.23	0.50	7.74	11.00	
32% Linseed Meal, Solvent Extracted	34.69	32.00	1.48	0.50	11.78	11.00	
32% Linseed Meal, Solvent Extracted	33.13	32.00	1.80	0.50	11.11	11.00	
32% Linseed Meal, Solvent Extracted	35.00	32.00	1.71	0.50	11.15	11.00	
Sherwood Feed Mills, Inc. Baltimore, Md.							
#Breeding Pigeon Feed	16.75	14.00	2.36	3.00	2.70	5.00	
Brewers Dried Grains	26.25	24.00	5.29	5.00	11.85	15.00	
Brewers Dried Grains	23.44	24.00	5.66	5.00	13.02	15.00	
Brewers Dried Grains	23.44	24.00	4.75	5.00	13.61	15.00	
Brewers Dried Grains	24.06	24.00	5.24	5.00	12.70	15.00	
Crate Fattener	16.38	14.00	3.96	3.50	4.53	5.00	
16% Dairy Feed	17.24	16.00	2.87	2.50	7.37	8.00	
0.0011% Diethylstilbestrol Mixture in 32% Special Beef Supplement	33.44	32.00	4.01	3.00	*11.76	10.00	+
Special Breeding Pigeon Feed	*11.19	13.00	3.04	3.00	2.47	5.00	
Special Breeding Pigeon Feed	*11.69	13.00	3.27	3.00	2.95	5.00	
Shmidheiser's Glenside, Pa.							
Wild Bird Feed	11.25	10.25	5.40	4.75	4.44	7.25	
M. L. Shoemaker Company Division of Wilson & Company Philadelphia, Pa.							
50% Ground Meat & Bone Scrap for Poultry	*48.56	50.00	*12.13	6.00	2.13	3.00	
"Swift-Sure Feeding Bone Meal	Protein 8.44	5.00	Calcium 29.06	26.50	Phosphorus 13.47	12.00	
Shohola Feed & Grain Company Shohola, Pa.							
All Mash Layer	17.50	16.00	4.71	5.00	3.20	3.50	
All Mash Layer	16.88	16.00	6.66	5.00	3.49	3.50	
Egg Producer	19.50	20.00	4.08	3.75	3.77	5.00	
Egg Producer	19.69	20.00	4.35	3.75	4.63	5.00	
Starter Builder	19.38	20.00	4.07	3.75	4.82	4.50	
Shuchart Feed & Supplies Company Hanover, Pa.							
All Mash Layer	16.56	16.00	3.96	3.00	3.78	5.00	
Egg Mash	22.19	20.00	4.30	3.00	3.81	5.50	
Egg Mash	22.19	20.00	3.69	3.00	3.51	5.50	
R. C. Shuchart, Inc. New Freedom, Pa.							
Superior Grower All Mash Medicated	17.81	15.00	4.17	3.50	4.67	7.00	+
Clarence M. Shuey R. D. 2, Annville, Pa.							
Hog Concentrate	32.06	32.00	3.85	2.50	4.33	5.00	
Donald S. Sidle Bowmansdale, Pa.							
#15% All Mash Grower Medicated	17.50	15.00	5.23	4.00	3.82	6.00	+
32% Dairy Supplement	35.84	32.00	1.96	1.50	5.93	8.00	
John T. Sidle Shippensburg, Pa.							
20% Egg Mash	21.25	20.00	4.24	3.50	4.40	5.50	
Hog Feed	15.63	14.00	3.07	3.00	3.42	5.00	

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Simpson Brothers Norristown, Pa.							
Coarse Chick Feed	9.38	8.00	3.30	2.50	2.35	3.00	
Fine Chick Feed	11.56	8.00	3.00	1.50	1.70	2.50	
Scratch Feed	10.63	9.00	2.90	2.50	4.13	5.00	
Wild Bird Food	11.88	8.00	6.21	3.00	4.45	6.00	
Skelton's Farm Feed & Supply Company Moscow, Pa.							
Complete Layer	18.44	16.00	4.10	3.50	2.58	4.00	
16% Dairy Feed	15.63	16.00	3.17	3.50	7.42	8.00	
16% Dairy Feed	15.51	16.00	2.76	3.50	6.12	8.00	
Skinner's Eddy Cooperative G.L.F. Service, Inc. Laceyville, Pa.							
16% Dairy	18.25	16.00	4.40	4.00	7.47	8.50	
18% Dairy	19.42	18.00	4.19	4.00	7.43	8.50	
Special 16% Dairy	16.88	16.00	3.95	3.50	8.11	9.00	
Special 16% Dairy	18.13	16.00	3.76	3.50	9.38	9.00	
Allen V. Smith, Inc. Skaneateles, N. Y.							
Barley Flour	18.75	18.00	4.77	2.00	3.25	5.00	
J. Howard Smith, Inc. Port Monmouth, N. J.							
Fish Meal w/Solubles Preserved w/BHT	63.44	60.00	10.80	5.00	1.96	3.00	
Fish Meal w/Solubles Preserved w/BHT	64.75	60.00	11.24	5.00	0.25	3.00	
R. A. Smith Milling Company Northampton, Pa.							
33% Dairy Concentrate	35.63	33.00	1.05	1.00	6.87	8.00	
Hi-Cal 36% Layer Concentrate	36.25	36.00	5.47	4.00	6.15	7.00	
Hi-Energy All Mash Layer	17.50	16.00	4.49	3.50	4.09	4.50	
Starting Mash Medicated	21.88	20.00	5.69	3.50	5.72	5.50	+
Smith's Feed Mills Blain & Newport, Pa.							
Egg Mash	19.25	20.00	3.90	2.50	6.07	6.50	
Hi-Calorie All Mash Layer	17.63	17.00	4.71	4.00	2.48	3.50	
Hog Feed	11.88	12.50	3.71	3.50	7.12	5.00	
Master Made All Mash Egg Mash	16.88	16.00	3.52	3.00	3.53	6.00	
Smith's Mill R. D. 2, Danville, Pa.							
20% Laying Mash	21.56	20.00	4.05	3.50	4.90	6.50	
B. C. Snider & Sons Mercersburg & Williamson, Pa.							
Egg Mash	19.06	20.00	4.02	2.50	3.82	6.50	
Egg Mash	20.44	20.00	4.71	2.50	4.08	6.50	
Pig Meal	17.50	16.00	3.42	3.00	4.25	6.00	
Snook's Mill, Inc. Mifflinburg, Pa.							
Calf Grower	*15.63	19.00	3.26	3.00	6.75	10.00	
Chick Starter Medicated	24.06	20.00	4.15	3.50	4.66	6.50	7,11, 18
Dairy Balancer	17.19	17.00	4.22	3.00	4.95	5.00	
14% Dairy Feed	15.28	14.00	3.23	3.00	4.50	7.50	
Dog Food	21.25	22.00	5.58	5.00	3.27	4.00	
18% Growing Mash Medicated	19.69	18.00	3.80	4.00	5.71	7.50	7,11, 18
18% Growing Mash Medicated	19.69	18.00	4.80	4.00	5.45	7.50	+
16 1/4% Hi-Energy All Mash Layer	18.88	16.50	4.30	4.00	3.24	4.75	
16 1/2% Hi-Energy All Mash Layer	19.38	16.50	4.32	4.00	3.08	4.75	
Hi-Energy 20% Laying Mash	21.88	20.00	*3.15	4.00	4.74	6.75	
Hi-Energy 20% Laying Mash	19.06	20.00	4.40	4.00	4.44	6.75	
15% Hog Mix	16.88	15.00	3.46	3.00	5.66	5.50	
15% Hog Mix	16.25	15.00	3.42	3.00	4.43	5.50	
Horse & Pony Feed	17.50	16.00	3.42	2.75	6.49	8.50	
Pig Premix	36.25	35.00	6.71	5.00	6.70	7.50	
#Poultry Premix	32.19	30.00	6.05	7.00	5.34	7.00	



MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Snyder Brothers R. D. 2, Bethlehem, Pa.							
Hog Feed	*22.19	14.00	4.51	3.00	5.30	8.00	
Laying Mash	25.63	20.00	4.52	3.40	5.95	8.00	
Snyder Milling Company Nazareth, Pa.							
32% Dairy Concentrate	35.31	32.00	1.45	1.50	7.68	8.00	
16% Dairy Feed	16.88	16.00	3.90	2.50	8.16	10.00	
Growing Mash Medicated	18.13	18.00	4.86	5.50	5.18	4.50	+
Scratch Feed	10.00	9.00	2.74	2.50	2.88	4.00	
Estate of Geo. S. Snyder, Inc. Hatfield, Pa.							
Check-R-Mix Egg Mash A	22.19	20.00	4.19	4.00	4.91	6.00	
Check-R-Mix Growing Mash AV (ZO) Medicated	18.31	17.00	3.72	4.00	4.40	6.00	+
Check-R-Mix Hog Feed (A) 3-N Medicated	13.44	12.00	3.69	3.00	3.08	6.00	+
Horse Feed	9.97	10.00	3.53	3.00	5.97	8.50	
G. S. Snyder Brodbecks, Pa.							
All-Mash Egg Maker	16.25	16.00	4.15	2.50	4.05	6.00	
Somerset Milling Company Somerset, Pa.							
Corn & Oats Chop	11.25	10.00	3.81	4.00	4.78	8.00	
32% Dairy Concentrate	*28.35	32.00	1.24	2.00	7.13	7.00	
32% Dairy Concentrate	34.19	32.00	1.78	2.00	7.68	7.00	
16% Dairy Feed	15.63	16.00	2.73	3.00	5.42	9.00	
16% Dairy Feed	15.88	16.00	*2.37	3.00	6.23	9.00	
12% Dry & Fitting Ration	13.04	12.00	*2.62	3.00	7.18	10.00	
Hi-Calorie All Mash	17.19	17.00	4.55	4.00	2.60	3.50	
Horse & Mule Feed	11.34	10.00	2.80	3.00	6.28	7.50	
20% Laying Mash	20.31	20.00	3.57	3.50	6.29	8.00	
Pig & Hog Meal	18.13	15.00	2.98	3.00	5.24	8.00	
Pig & Hog Meal	17.44	15.00	3.48	3.00	6.66	8.00	
Southern Cotton Oil Division Hunt Food & Industries, Inc. Memphis, Tenn.							
41% Protein Cottonseed Meal, Prime Quality	41.56	41.00	3.56	3.00	12.54	14.00	
41% Protein Cottonseed Meal, Prime Quality	*39.69	41.00	3.77	3.00	14.77	14.00	
South Cotton Oil Division Hunt Food & Industries, Inc. Rocky Mount, N. C.							
36% Protein Cottonseed Meal, Prime Quality	36.06	36.00	3.30	3.00	15.77	17.00	
Southern Fruit Distributors, Inc. Orlando, Fla.							
Citrus Pulp	6.88	6.00	6.40	2.50	13.37	17.00	
Spangler & Sprenkle, Inc. York, Pa.							
Calf Starter	17.45	18.00	3.13	2.50	5.47	7.00	
Chick Starter Medicated	22.00	21.00	4.61	3.50	2.25	5.00	+
Sow & Pig Feed	16.56	16.00	3.82	3.00	7.09	7.00	
Spangler's Flour Mills, Inc. Camp Hill, Pa.							
Soft Winter Wheat Bran	15.69	13.75	3.40	3.50	9.07	10.00	
Soft Winter Wheat Bran	15.63	13.75	3.53	3.50	9.23	10.00	
Soft Winter Wheat Bran	15.56	13.75	3.65	3.50	8.49	10.00	
Soft Winter Wheat Bran	16.06	13.75	3.51	3.50	8.94	10.00	
Soft Winter Wheat Bran	15.94	13.75	3.72	3.50	9.35	10.00	
Soft Winter Wheat Bran	15.56	13.75	3.59	3.50	9.27	10.00	
Soft Winter Wheat Middlings	17.56	12.00	4.12	3.00	5.67	8.00	
Spencer Milling Company Thompson, Pa.							
18% Dairy Ration	19.06	18.00	3.53	3.50	7.33	10.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Spencer Milling Company - Continued							
18% Dairy Ration	19.06	18.00	5.06	3.50	7.25	10.00	
Fitting Ration	11.88	12.00	3.08	3.00	7.75	10.00	
Fitting Ration	13.75	12.00	4.54	3.00	7.79	10.00	
Laying Mash	21.25	20.00	3.28	3.50	5.75	6.50	
Laying Mash	20.00	20.00	*2.83	3.50	5.16	6.50	
Laying Mash	20.00	20.00	*2.30	3.50	6.30	6.50	
Eugene P. Spotts R. D. 2, Honeybrook, Pa.							
Laying Mash Medicated	19.44	20.00	3.93	3.00	4.83	7.00	+
Pig Feed Medicated	16.88	16.00	4.13	3.00	5.37	7.00	+
Spring Garden Mill Newtown, Pa.							
All Mash Egg Ration	18.13	16.00	3.52	3.50	4.60	5.00	
Egg Mash	20.69	21.00	3.63	3.50	5.06	6.00	
Starter-Grower	21.25	19.50	4.07	4.00	4.54	7.00	
Super-Starter for Chicks Medicated	22.19	21.00	4.67	4.00	3.92	4.50	+
Springville Cooperative G.L.F. Service, Inc. Springville, Pa.							
Dairy Balancer	16.75	16.00	1.72	0.50	4.67	5.00	
A. E. Staley Manufacturing Company Decatur, Ill.							
21% Corn Gluten Feed	22.50	21.00	2.89	1.50	8.67	10.00	
21% Corn Gluten Feed	21.56	21.00	2.64	1.50	8.32	10.00	
21% Corn Gluten Feed	22.19	21.00	2.89	1.50	10.07	10.00	
21% Corn Gluten Feed	21.88	21.00	3.81	1.50	7.77	10.00	
21% Corn Gluten Feed	22.19	21.00	3.14	1.50	7.31	10.00	
21% Corn Gluten Feed	22.50	21.00	2.81	1.50	9.76	10.00	
21% Corn Gluten Feed	21.31	21.00	2.88	1.50	8.92	10.00	
21% Corn Gluten Feed	20.75	21.00	2.63	1.50	8.48	10.00	
44% Protein Soybean Meal, Solvent Extracted	48.63	44.00	1.07	0.50	6.98	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.19	44.00	1.49	0.50	6.29	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.31	44.00	0.88	0.50	7.12	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.38	44.00	0.79	0.50	6.96	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.31	44.00	1.35	0.50	6.97	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.25	44.00	0.95	0.50	6.31	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.25	44.00	0.92	0.50	6.47	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.50	44.00	0.99	0.50	6.20	7.00	
Leroy T. Stammel Harrisburg, Pa.							
Pig Feed	18.13	16.00	2.86	3.00	4.17	7.00	
Standard Brands, Inc. New York, N. Y.							
Hunt Club Burgerbits Dog Food	24.69	24.00	10.29	7.00	3.71	5.00	
Standard Milling Company Kansas City, Mo.							
Wheat Middlings w/Ground Screenings N.E.M.R.	17.88	15.00	4.31	4.00	8.33	9.50	
Stanford Seed Company Buffalo, N. Y.							
#Wild Bird Food	12.19	10.00	4.93	5.00	6.88	10.00	
Starnes Grain & Feed Hampton, Pa.							
Dog Food	25.00	25.00	5.39	3.50	2.80	4.50	
Stauffer Chemical Company Chicago, Ill.							
Di-Cal 18½% Stock Food Grade	Calcium 24.68 28.00		Phosphorus 19.11 18.50				

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
H. M. Stauffer & Sons, Inc. Leola, Ronks & Witmer, Pa.							
Calf Feed	15.69	14.00	3.66	3.00	7.74	8.00	
Pep-Mix Chick Starter (M) Medicated	21.56	20.00	3.93	3.00	4.81	6.00	+
Pep-Mix Layer Breeder	19.81	16.50	4.18	3.50	4.36	5.50	
J. K. Stauffer & Son Lawn & Bellaire, Pa.							
0.0011% Diethylstilbestrol in 32% Steer Supplement	32.50	32.00	*2.11	3.00	8.03	9.00	+
0.0011% Diethylstilbestrol in 32% Steer Supplement	30.69	32.00	*2.15	3.00	8.03	9.00	+
32% Steer Supplement	31.88	32.00	*2.17	3.00	7.94	9.00	
Wayne-Mix Pullet Starter Medicated	23.75	22.00	4.84	3.50	3.26	4.00	+
Stegmaier Brewery Company Wilkes-Barre, Pa.							
Brewers Dried Grains	32.13	25.00	5.47	5.00	14.13	16.00	
Brewers Dried Grains	28.38	25.00	5.92	5.00	13.51	16.00	
Brewers Dried Grains	32.13	25.00	6.34	5.00	13.45	16.00	
Brewers Dried Grains	32.13	25.00	6.88	5.00	13.94	16.00	
Brewers Dried Grains	28.75	25.00	6.06	5.00	15.23	16.00	
Brewers Dried Grains	31.38	25.00	6.18	5.00	13.35	16.00	
Brewers Dried Grains	29.06	25.00	5.35	5.00	16.95	16.00	
Brewers Dried Grains	29.56	25.00	5.56	5.00	14.59	16.00	
Stehr Brothers Pitman, Pa.							
#Pep-Mix All Mash Grower	15.75	15.00	3.75	3.00	3.45	6.00	
Pep-Mix Brood Sow Ration	17.50	16.00	3.38	3.00	4.64	7.50	
Pep-Mix Hog Meal	16.25	16.00	3.29	3.00	3.31	7.00	
Jesse C. Stewart Company Pittsburgh, Pa.							
Brewers Dried Grains	30.19	26.00	5.70	5.00	14.19	18.00	
Stewartstown Milling Company, Inc. Stewartstown, Pa.							
0.0011% Diethylstilbestrol Mix in Steer Mix	33.44	30.00	*1.58	2.50	8.66	9.00	+
36% Hog Supplement	36.88	36.00	3.43	3.00	7.17	8.00	
Mono-Mash	20.63	20.00	4.01	3.50	6.76	7.50	
D. A. Stickell & Sons, Inc. Hagerstown, Md.							
Blue Ridge Poultry Booster Crumbles Medicated	22.50	19.00	3.63	3.50	3.72	4.00	3
#Complete Turkey Grower No. 2	19.06	18.00	3.17	3.00	3.49	5.00	
Farm Mix 32%	33.88	32.00	1.70	1.50	7.52	8.00	
Farm Mix 32%	34.06	32.00	1.86	1.50	7.95	8.00	
Horse Feed	10.57	10.00	2.90	3.00	5.17	9.00	
Horse & Pony Ration	14.69	12.00	3.25	3.00	6.35	8.00	
Pig Starter Knib-lets	19.06	17.00	4.61	3.00	4.33	5.00	
Sow & Pig Concentrate Medicated	*34.38	36.00	3.17	2.75	8.46	8.50	1
Sweet Mix	8.16	5.00	2.32	1.00	13.52	15.00	
#34% Turkey Concentrate	36.13	34.00	4.34	2.00	5.67	6.00	
Zip Hog Meal Medicated	17.50	14.50	4.00	3.50	6.25	7.00	+
F. W. Stock & Sons Hillsdale, Mich.							
Wheat Bran	15.31	13.00	3.52	2.75	9.98	12.00	
Edwin F. Stover Estate Perkasie, Pa.							
16% Dairy Feed	15.00	16.00	3.26	2.50	9.58	11.00	
32% Dairy Feed	35.63	32.00	1.78	1.50	7.65	10.00	
Diamond Growing Mash	20.63	19.00	4.50	3.50	6.73	6.50	
Scratch Feed	9.69	10.00	2.69	1.50	3.53	5.00	
G. H. Stover's Feed Mill Centre Hall, Pa.							
16% Dairy Ration	19.81	16.00	3.13	2.50	6.48	12.00	
32% Dairy Supplement	36.13	32.00	2.74	1.00	7.08	10.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
G. H. Stover's Feed Mill - Continued							
20% Egg Mash	20.94	20.00	4.06	3.00	4.80	6.50	
20% Egg Mash	21.56	20.00	3.98	3.00	5.73	6.50	
Pig & Hog Supplement	37.38	36.00	4.21	2.50	5.73	10.50	
Pig & Hog Supplement	38.13	36.00	5.03	2.50	4.96	10.50	
Pig & Sow Meal	18.75	16.00	3.02	2.50	5.80	8.50	
Pig & Sow Meal	19.19	16.00	3.57	2.50	7.36	8.50	
32% Poultry Supplement	35.81	32.00	3.79	2.50	6.71	9.00	
Starting & Growing Mash Medicated	21.88	20.00	3.03	2.50	5.71	7.00	+
Summer Dairy Feed	16.44	13.00	2.90	2.00	9.64	10.00	
Straub Brewery, Inc. St. Marys, Pa.							
Brewers Wet Grains	5.12	5.00	0.96	1.60	2.92	2.70	
Strauby's Feed Company Weissport, Pa.							
Dog Food	25.75	24.00	8.51	6.00	3.82	4.50	
Dog Meal	24.06	24.00	8.60	6.00	3.56	4.50	
Expanded Dog Food	26.44	25.00	12.55	7.00	3.34	4.00	
Strongheart Packing Company Chicago, Ill.							
#Dog Food	9.65	10.00	3.36	2.00	0.96	1.50	
Sturdy Dog Food Company Syracuse, N. Y.							
Granular Meal	25.19	25.00	6.62	6.50	3.33	5.00	
Sunday Dinner Dog Food Company Sinking Spring, Pa.							
Dog Food	*11.46	13.25	8.88	8.00	0.39	1.50	
Sunday's Mill Company Carlisle & New Kingston, Pa.							
16% Dairy	16.88	16.00	2.41	2.25	7.91	11.00	
16% Dairy	18.75	16.00	2.07	2.25	9.05	11.00	
20% Dairy	21.56	20.00	2.35	2.25	8.90	10.00	
Lay Mash	21.88	20.00	4.60	3.50	4.46	8.00	
Suni-Citrus Products Company Haines City, Fla.							
Citrus Pulp	6.56	6.00	4.41	3.00	13.79	15.75	
Sunny Slope Farms, Inc. R. D. 2, Bath, Pa.							
17% Dehydrated Alfalfa Meal w/Ethoxyquin	17.50	17.00	3.36	2.00	25.30	27.00	
20% Dehydrated Alfalfa Meal w/Ethoxyquin	20.00	20.00	3.72	2.00	20.48	22.00	
Swift & Company Chicago, Ill.							
41% Protein Cottonseed Meal, Prime Quality	42.63	41.00	3.62	3.00	11.58	14.00	
41% Protein Cottonseed Meal, Prime Quality	39.18	41.00	3.63	3.00	10.87	13.00	
44% Protein Soybean Meal, Solvent Extracted	46.56	44.00	1.01	0.50	6.79	7.00	
44% Protein Soybean Meal, Solvent Extracted	50.56	44.00	1.31	0.50	2.89	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.81	44.00	1.34	0.50	7.35	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.69	44.00	1.47	0.50	7.95	7.00	
50% Protein Dehulled Soybean Meal, Solvent Extracted	51.56	50.00	0.90	0.50	3.00	3.00	
Swingle Brothers Lake Ariel, Pa.							
16% Dairy Ration	15.63	16.00	3.51	3.50	9.25	10.00	
Fitting Ration	11.88	12.00	3.56	3.50	9.50	10.00	
Laying Mash	20.63	18.00	4.19	4.00	7.23	8.00	
Syracuse Dehydrated Products Syracuse, Ind.							
Scotch O Lass	8.75	5.00	0.69	0.50	17.07	18.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
The Tanvilac Company, Inc. DesMoines, Iowa							
Cattle & Sheep Mineral	Calcium 20.90	22.00	Phosphorus 5.42	4.00	Salt 5.20	5.50	
	PROTEIN		FAT		FIBER		
H. C. "45" Hog	F 45.00	G 45.00	F 3.94	G 2.50	F 3.85	G 4.00	
Tekland, Inc. Monmouth, Ill.							
Rockland Dog Diet (Expanded)	28.13	26.00	7.47	8.00	3.23	4.00	
Rockland Mouse/Rat Diet Complete	24.38	24.00	4.08	4.00	4.88	6.00	
Rockland Rabbit Ration	18.13	17.00	1.88	1.50	15.15	16.00	
W. M. Templeton & Sons Houston, Pa.							
Complete Calf Ration	18.74	18.00	2.92	2.50	6.69	7.50	
32% Dairy Concentrate	32.81	32.00	1.66	1.50	6.56	7.00	
14% Dairy Ration	15.31	14.00	3.11	2.50	7.04	6.50	
16% Dairy Ration	18.13	16.00	3.01	2.50	5.47	6.50	
Dairy Ration (Custom Mix)	18.75	16.00	3.00	3.10	6.72	7.10	
14% Hog Grower & Fattener	14.81	14.00	3.77	3.50	4.11	5.00	
The Theobald Industries Kearny, N. J.							
Meat & Bone Scraps	*46.63	50.00	12.67	2.00	2.23	3.00	
Meat & Bone Scraps	*45.31	50.00	14.50	2.00	3.81	3.00	
Meat & Bone Scraps	51.25	50.00	11.65	2.00	1.82	3.00	
Thomas Feed Mill R. D. 2, Holsopple, Pa.							
Master Made All Mash Pullet Developer	17.63	14.50	3.37	3.50	3.13	5.50	
Master Made 16% Dairy Feed	18.13	16.00	2.76	3.00	6.06	9.00	
Master Made Egg Mash	21.88	20.00	4.18	2.50	4.42	6.50	
Master Made Egg Mash	23.50	20.00	4.15	2.50	4.57	6.50	
Master Made Hog Feed	14.69	14.00	3.36	3.00	2.94	5.00	
W. B. Thompson & Son Waynesboro, Pa.							
Chick Starter & Grower	17.06	18.00	3.46	2.00	7.75	11.00	
Thompson & Mateja New Wilmington & West Middlesex, Pa.							
Cheese Maker 32% Dairy Supplement	33.75	32.00	2.05	1.50	*9.34	7.50	
Master Made All Mash Layer	17.19	17.00	4.51	4.00	2.61	3.50	
Master Made All Mash Layer	19.06	17.00	3.84	4.00	3.31	3.50	
Master Made All Mash Layer	18.19	17.00	4.85	4.00	2.44	3.50	
Master Made All Mash Pullet Grower Medicated	16.56	16.50	*3.07	3.50	5.74	6.00	+
Master Made Egg Mash	22.19	20.00	4.30	2.50	4.88	6.50	
Master Made Egg Mash	20.94	20.00	3.71	2.50	4.07	6.50	
Master Made Egg Mash	22.19	20.00	5.18	2.50	4.83	6.50	
Master Made Growing Mash	19.38	18.00	3.80	3.50	6.21	7.00	
Pig & Hog Feed	19.38	16.00	3.34	3.00	5.28	5.50	
Pig & Hog Feed	17.19	16.00	3.20	3.00	5.77	5.50	
Pig & Hog Feed	17.75	16.00	3.28	3.00	5.35	5.50	
Thrift Feed Mills, Inc. Doylestown & Wycombe, Pa.							
All Mash Layer & Breeder	19.38	17.00	4.56	4.00	4.44	4.50	
Booster Pellets	24.44	26.00	4.11	4.50	*7.94	5.00	
Guinea Pig Pellets	25.00	24.00	5.93	4.00	6.30	9.00	
Medicated All Mash Grower	19.69	17.00	4.15	4.00	4.16	5.00	+
Pig Starter Pellets	20.63	19.00	4.15	3.50	2.93	3.00	
Saddle King Horse Ration	14.02	12.00	3.68	3.00	6.88	9.50	
Thrifty Dog Foods Chester, Pa.							
All-In-One Dog Food	9.26	9.00	7.16	6.00	0.40	1.00	
Beef & Beef By-Products Dog Food	13.47	10.50	14.42	6.00	0.63	1.50	
Chicken Parts Dog Food	14.18	10.00	13.12	6.00	0.24	1.50	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Thrivo Company, Inc. Philadelphia, Pa.							
Dog Food	9.64	10.00	2.75	3.00	0.70	1.50	
Thrivettes Dog Food	*22.00	24.00	7.22	7.00	2.85	4.50	
Tioga Mills, Inc. Waverly, N. Y. & Sunbury, Pa.							
All Mash Egg Layer	17.19	16.00	4.35	3.75	1.83	3.00	
All Mash Egg Layer	19.38	16.00	4.10	3.75	3.31	3.00	
#All Mash Turkey Grower Medicated (C)	18.13	18.00	5.74	4.00	3.71	4.50	+
All Mash Turkey Grower Medicated (C)	19.81	18.00	5.85	4.00	3.97	4.50	+
#Complete Horse Pellets	13.75	9.00	3.28	2.00	7.71	15.00	
Conditiontine	15.31	15.00	4.52	3.50	2.60	4.50	
C-P-R	18.44	18.00	7.45	7.00	2.94	3.50	
#16% Dairy Feed	16.94	16.00	5.03	4.00	8.66	9.00	
32% Dairy Mixing Feed	33.75	32.00	2.89	2.50	6.90	9.00	
32% Dairy Mixing Feed	33.56	32.00	3.02	2.50	8.56	9.00	
Dairy Pellets	18.13	16.00	3.66	3.00	5.22	10.00	
24% Dairy Supplement	25.94	24.00	4.62	3.00	4.23	8.50	
40% Growing Concentrate	38.56	40.00	5.44	3.50	4.08	5.00	
#Heifer Ration	17.50	14.00	2.80	3.00	4.11	9.00	
40% Laying Concentrate Medicated	39.69	40.00	4.48	3.50	3.98	4.00	7
Rabbitine Medicated (NF-180)	15.63	16.00	3.81	3.00	4.19	8.50	+
Roaster Medicated	16.88	17.00	3.85	6.50	3.18	3.50	7,11
32% Steer Supplement	32.81	32.00	4.80	3.00	7.79	9.50	
Trader's Hardware & Feed Center East Stroudsburg, Pa.							
Corn & Oats Chop	10.44	9.00	4.07	3.50	5.95	8.00	
Corn & Oats Chop	11.38	9.00	3.43	3.50	6.26	8.00	
Hog Meal	16.88	16.00	4.09	3.50	5.09	7.00	
Hog Meal	15.00	14.00	4.05	3.50	3.38	7.00	
A. J. Trasco Dushore, Pa.							
Coarse Scratch	9.69	9.00	3.11	2.00	3.03	5.00	
Trexler Farms Allentown, Pa.							
13% Dehydrated 1/4" Alfalfa Pellets w/Ethoxyquin	13.13	13.00	3.99	2.00	26.73	32.00	
13% No. 1 Medium Ground Dehydrated Alfalfa Meal	14.19	13.00	2.21	2.00	27.60	32.00	
15% Dehydrated 1/4" Alfalfa Pellets w/Ethoxyquin	14.00	15.00	3.82	2.00	28.70	30.00	
15% Dehydrated 1/4" Alfalfa Pellets w/Ethoxyquin	15.31	15.00	2.70	2.00	27.44	30.00	
17% Dehydrated Alfalfa Meal w/Ethoxyquin	16.06	17.00	3.70	2.00	26.94	27.00	
17% Dehydrated 1/4" Alfalfa Pellets w/Ethoxyquin	19.69	17.00	4.21	2.00	26.30	27.00	
Tri-Associates, Inc. Minneapolis, Minn.							
Milk Replacer Medicated	25.83	25.00	5.08	4.50	1.18	2.00	
Tropicana Products, Inc. Bradenton, Fla.							
Dried Citrus Pulp	7.50	6.00	6.58	2.00	12.39	12.00	
Troutman's Feed & Grain Dornsife, Pa.							
Hog Developer Medicated	15.00	15.00	3.48	3.00	5.39	6.00	1
Troy Cooperative G.L.F. Service, Inc. Troy, Pa.							
Dairy	17.25	16.00	3.36	3.50	7.50	10.00	
Hog Feed	19.81	17.00	4.35	3.50	6.02	8.00	
Hog Feed	18.44	17.00	3.45	3.50	6.53	8.00	
Troy Meat, Inc. Troy, Pa.							
Meat & Bone Scraps	*44.94	50.00	16.49	10.00	2.57	3.00	
Tulip, Inc. Philadelphia, Pa.							
Beef Liver Dog Food	15.31	12.00	6.01	4.00	0.26	1.50	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Twin Valley Farm Bureau Cooperative Assn. Belleville, Pa.							
32% Dairy Supplement	31.56	32.00	2.13	2.00	8.71	10.00	
32% Dairy Supplement	34.19	32.00	2.15	2.00	8.33	10.00	
Two Guys from Harrison Garfield, N. J.							
#Beef Liver Dog Food	15.46	12.00	5.81	4.00	0.34	1.50	
#Chicken Parts Dog Food	11.24	10.00	*15.32	6.00	0.26	1.00	
Tyrone Milling Company Tyrone, Pa.							
All Mash Layer Medicated	17.63	16.00	4.47	4.00	4.72	5.00	+
50% Dairy Beef Supplement	50.38	50.00	2.37	1.50	6.06	7.00	
Pig & Hog Feed	16.25	17.00	3.81	3.00	4.95	6.00	
Starting & Growing Mash Medicated	23.13	20.00	4.85	4.50	4.75	5.00	+
Ulsh Farm & Home Supply, Inc. Port Treverton, Pa.							
All Mash Layer	17.56	16.00	3.61	3.00	3.66	5.50	
16% Dairy Feed	14.69	16.00	2.89	2.50	6.13	10.00	
Egg Mash	21.25	20.00	4.37	2.50	4.65	6.50	
Master Made Pig Starter & Grower Medicated	17.81	16.00	3.56	3.00	3.84	5.00	+
Pig Grower & Fattener	14.75	14.00	3.68	3.00	3.90	6.00	
Ultra-Life Laboratories, Inc. East St. Louis, Ill.							
Calf Food Pellets Medicated	25.44	24.00	3.91	3.00	6.42	7.00	
High Energy Poultry	20.69	20.00	8.69	7.00	6.40	6.00	
41% Protein Cottonseed Meal, Solvent Extracted	44.06	41.00	1.37	0.50	12.11	14.00	
32% Protein Linseed Meal, Solvent Extracted	32.81	32.00	1.14	0.50	8.47	10.00	
Special Dairy Mix	23.44	24.00	3.02	3.50	5.53	6.00	
Ulysses Cooperative G.L.F. Service, Inc. Ulysses, Pa.							
Corn & Oats	10.94	9.00	3.53	3.00	6.18	10.00	
Scratch Grains	10.31	9.00	2.63	2.00	3.40	7.00	
Umberger's Mill, Inc. R. D. 4, Lebanon, Pa.							
Check-R-Mix Calf Starter (S)	16.56	15.00	2.96	2.50	7.57	11.00	
Union City Cooperative Assn. Union City, Pa.							
Corn & Oat Chop	12.00	9.00	4.35	4.00	4.84	7.00	
Hog Feed	19.56	14.00	3.67	3.00	4.90	5.00	
United Mills Clarion, Pa.							
Egg Maker	22.31	20.00	3.67	3.50	7.17	7.00	
Universal Grain Company of New Jersey Newark, N. J.							
Brewers Dried Grains	34.38	26.00	5.56	6.00	11.65	17.00	
Brewers Dried Grains	34.06	26.00	5.77	6.00	10.28	17.00	
Usen Canning Company Boston, Mass.							
Tabby All Fish Cat Food	16.63	15.00	0.37	0.30	0.07	0.30	
Valley Farm & Lawn Supply Sharpsville, Pa.							
24% Dairy Feed	22.81	24.00	2.26	1.50	8.31	12.00	
Egg Mash	21.88	18.00	4.23	2.50	6.29	8.00	
Egg Mash	20.00	18.00	4.35	4.00	6.25	7.00	
Hog Meal	19.56	18.00	3.47	2.00	6.29	8.00	
Vandervort Mills, Inc. Laceyville, Wysox & New Milford, Pa.							
Cracked Corn & Wheat	10.31	9.50	3.40	3.00	1.86	2.20	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Vandervort Mills, Inc. - Continued							
16% Dairy Ration	15.00	16.00	3.65	3.50	6.24	7.50	
16% Dairy Ration	17.50	16.00	4.06	3.50	7.15	7.50	
16% Dairy Ration	18.69	16.00	3.38	3.50	5.91	7.50	
16% Dairy Ration	17.88	16.00	3.65	3.50	7.16	7.50	
18% Dairy Ration	23.13	18.00	3.05	3.50	8.02	8.00	
18% Dairy Ration	21.75	18.00	3.34	3.50	6.98	8.00	
18% Dairy Ration	20.81	18.00	3.35	3.50	6.99	8.00	
16% Dairy Ration Sweet Sixteen	17.69	16.00	3.59	3.00	9.20	11.50	
16% Dairy Ration Sweet Sixteen	15.80	16.00	2.94	3.00	8.00	11.50	
16% Dairy Ration Sweet Sixteen	18.75	16.00	3.23	3.00	9.11	11.50	
12% Fitting Ration	11.88	12.00	3.77	3.50	8.03	7.50	
Pig & Sow Feed	16.56	16.00	4.46	3.75	6.62	6.50	
18% Special Dairy Ration	20.00	18.00	3.16	3.00	6.03	10.00	
20% Special Dairy Ration	20.94	20.00	2.89	3.00	8.98	9.00	
20% Special Dairy Ration	19.25	20.00	3.27	3.00	7.87	9.00	
20% Special Dairy Ration	21.88	20.00	2.83	3.00	5.17	9.00	
20% Special Dairy Ration	22.50	20.00	2.93	3.00	8.43	9.00	
E. W. Vandervort Clarks Mills, Pa.							
All Mash	15.94	15.00	3.37	3.50	3.93	5.50	
Dairy Feed	16.38	14.00	3.07	2.50	9.66	10.00	
Dairy Feed	15.94	14.00	3.33	2.50	7.31	10.00	
Egg Mash	20.50	20.00	3.68	3.00	5.42	8.00	
Hog Feed	15.63	14.00	3.78	3.00	6.09	7.00	
Hog Feed	15.31	14.00	3.60	3.00	4.70	7.00	
Van-Mar Feeds Leesport, Pa.							
A.M. Pullet Developer	16.25	14.50	4.30	3.50	4.01	5.50	
Cage Layer	19.63	17.00	4.45	4.00	3.70	4.00	
24% Dairy Concentrate	23.45	24.00	3.30	3.00	8.63	10.00	
32% Dairy Concentrate U	32.50	32.00	3.61	3.00	8.44	10.00	
#Hi-En Dairy	16.16	16.00	3.20	2.50	5.23	5.50	
Hi-En Dairy U	16.08	16.00	3.43	2.50	8.00	6.50	
Hog Finisher	18.44	12.00	4.78	3.50	3.28	3.00	
#Pig-ets Medicated	*16.94	18.00	3.67	4.00	3.19	4.00	
Pig Grower Medicated	16.56	15.50	3.43	3.00	3.37	3.50	
Pig Pusher Medicated	14.38	13.50	3.73	3.00	2.59	3.50	
Pig Pusher Medicated	14.69	13.50	3.69	3.00	3.62	3.50	
38% Quality Dairy	37.88	38.00	3.02	2.00	6.95	6.50	
Verity Mills, Inc. Buffalo, N. Y.							
Fullneed Complete Calf Starter & Grower	18.84	20.00	3.11	3.00	5.28	8.00	
Vogt's Rendering Works Lewistown, Pa.							
Meat Meal & Poultry By-Product Meal	62.69	55.00	12.29	8.00	1.41	4.00	
Meat Meal & Poultry By-Product Meal	60.00	55.00	11.70	8.00	1.95	4.00	
Vornado, Inc. Garfield, N. J.							
#Wild Bird Food	12.69	11.00	5.48	4.00	6.90	10.00	
Earl A. Walbert R. D. 1, Mertztown, Pa.							
Egg Mash Medicated	20.31	20.00	4.00	3.50	5.46	5.50	+
Pig & Hog	11.56	12.00	3.75	3.00	2.69	5.00	
Starter & Grower Medicated	19.56	18.00	3.85	3.50	5.42	5.50	+
Walker Brothers Chambersburg, Pa.							
Scratch Feed	10.31	10.00	3.27	3.50	3.36	4.00	
C. L. Walker & Sons Elizabethville, Pa.							
16% Dairy Feed	16.69	16.00	2.75	2.00	7.50	10.00	
Egg Mash	21.56	20.00	3.63	3.00	5.26	8.00	
Pig Meal	17.19	16.00	3.29	3.00	5.70	9.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Hiram Walker & Sons, Inc. Peoria, Ill.							
Corn Distillers Dried Grains w/Solubles	26.25	24.00	8.58	8.00	8.34	10.00	
Corn Distillers Dried Grains w/Solubles	24.69	24.00	9.29	8.00	7.08	10.00	
Corn Distillers Dried Grains w/Solubles	27.50	24.00	8.41	8.00	7.81	10.00	
Corn Distillers Dried Grains w/Solubles	27.81	24.00	9.39	8.00	7.88	10.00	
J. C. Walker & Son, Inc. Gap, Pa.							
Complete Laying Ration	16.25	16.00	3.99	2.50	4.26	8.00	
32% Dairy Concentrate	33.44	32.00	*1.75	2.50	9.79	8.00	
Dairy Feed	15.31	15.00	2.95	2.50	12.51	15.00	
D-Zert	12.53	12.00	1.88	2.00	15.53	16.00	
Growing Mash	20.00	18.00	4.55	3.00	5.90	8.00	
Ward Baking Company Youngstown, Ohio							
Bulk Bread Crumbs	13.44	13.50	5.37	3.40	1.27	0.60	
Warner Company Philadelphia, Pa.							
Bell-Mine Limestone Pulverized	37.92	38.40					
Bell-Mine Limestone Pulverized	38.81	38.40					
Washington County Farm Bureau Cooperative Assn. Washington, Pa.							
"Chop"	11.56	10.00	4.09	3.50	4.50	8.00	
#"Ham Maker" Medicated	11.93	12.00	3.29	3.00	2.33	3.75	+
#"Steak-Maker"	15.00	13.50	3.30	3.25	2.51	3.50	
Watkins Products, Inc. Winona, Minn.							
Min-Vite for Layers	29.50	32.00	7.51	7.20			
Watson Rendering Plant Allenwood, Pa.							
Meat & Bone	46.56	45.00	10.79	8.00	1.64	3.00	
Meat & Bone	50.56	45.00	10.33	8.00	2.00	3.00	
Wayland Farm Supply DuBois, Pa.							
All Mash Layer Medicated	16.88	15.00	4.02	3.50	3.14	5.50	+
Corn & Oats Chop	10.94	10.00	3.89	4.00	5.50	10.00	
Corn & Oats Chop	10.00	10.00	3.58	4.00	6.72	10.00	
Waymart Milling Company Waymart, Pa.							
18% Dairy Ration	22.19	18.00	4.25	4.00	6.31	7.50	
18% Dairy Ration	24.06	18.00	4.24	4.00	5.81	7.50	
Fitting Ration	16.25	14.00	*2.78	4.00	5.92	9.00	
Fitting Ration	16.88	14.00	*3.24	4.00	5.65	9.00	
#Fitting Ration	16.31	14.00	3.22	3.50	5.50	9.00	
Laying & Breeding Mash	21.88	20.00	5.03	4.00	4.91	7.00	
Laying & Breeding Mash	20.63	20.00	5.08	4.00	4.99	7.00	
Laying & Breeding Mash	21.86	20.00	5.06	4.00	6.17	7.00	
Scratch Grains	10.31	9.00	4.51	3.50	4.07	7.00	
Wayne Feed Supply Company, Inc. Fort Wayne, Ind.							
Wayne-Mix Brood Sow Ration	15.25	14.50	3.49	3.00	4.41	7.00	
Waynesburg Milling Company Waynesburg, Pa.							
All Mash Grower Medicated	19.38	16.00	3.53	4.00	4.79	5.00	+
16% Banner Ration	16.78	16.00	2.72	2.50	7.40	8.00	
Bulky Ration	14.56	7.50	2.79	1.50	15.24	24.00	
Calf Starter & Grower	15.94	16.00	3.25	3.00	6.46	8.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Waynesburg Milling Company - Continued							
14% Dairy Feed	16.88	14.00	3.57	2.50	9.07	10.00	
Diamond Egg Mash (All Mash)	17.63	16.00	3.42	3.00	3.94	4.00	
Growing Mash Medicated	20.00	20.00	3.47	4.00	4.59	6.00	+
Hog Finisher	14.31	14.00	4.49	3.50	3.75	4.00	
Weigel Brothers Oxford, Pa.							
Grow Lay	17.19	16.00	4.93	3.00	3.50	5.50	
Hog Grower	14.88	14.00	3.76	3.00	3.24	5.00	
20% Laying Mash	20.94	20.00	4.82	2.50	5.08	6.50	
H. J. Weimer, Jr. R. D. 3, Lewistown, Pa.							
Hog Feed	16.56	16.00	4.07	3.00	6.04	9.00	
Laying Mash	19.69	20.00	4.53	3.00	3.46	7.00	
Welles Mill Company Wyalusing, Pa.							
Corn & Oats Chop	10.63	10.00	4.01	3.50	6.66	10.00	
20% Dairy Ration	23.75	20.00	3.31	3.50	8.55	10.00	
20% Dairy Ration	19.47	20.00	3.15	3.50	8.94	10.00	
14% Fitting Ration	14.17	14.00	2.88	3.00	7.63	9.00	
14% Fitting Ration	14.42	14.00	2.83	3.00	7.27	9.00	
Pig Ration	17.81	16.00	5.14	3.50	6.10	9.00	
Super 16% Dairy	18.75	16.00	3.09	3.00	10.16	12.00	
Super 16% Dairy	19.61	16.00	3.52	3.00	9.72	12.00	
Wells Brokerage & Distributing Company Suffolk, Va.							
Peanut Skins	12.81	10.00	11.88	10.00	15.37	15.00	
Peanut Skins	26.69	10.00	39.51	10.00	4.96	15.00	
Ralph Wells & Company Monmouth, Ill.							
#Expanded Dog Food Nuggets	26.56	25.00	7.89	7.00	3.50	4.00	
#"Splash" Fish Food No. 5	33.13	32.00	3.19	4.00	5.71	7.00	
C. P. Wenger & Sons Ephrata, Pa.							
16% Dairy Feed	17.81	16.00	4.59	2.00	10.05	12.00	
Growing Mash	21.88	20.00	4.40	2.50	6.84	8.00	
38% Hog Concentrate	38.25	38.00	6.09	1.00	6.86	7.00	
Hog Feed	19.69	16.00	3.77	3.00	6.75	7.00	
32% Steer Feed	33.44	32.00	3.14	2.00	12.07	12.00	
Wenger's Feed Mill, Inc. Rheems, Pa.							
16% Dairy	16.88	16.00	2.80	3.00	7.05	7.50	
0.0011% Diethylstilbestrol Mixture in 32% Steer Concentrate	34.44	32.00	1.76	1.00	*12.05	9.00	+
Hog Concentrate Medicated	40.06	36.00	3.00	2.50	7.27	6.00	
Replacement Starter Medicated	21.25	20.00	*4.26	6.50	4.22	4.00	+
Wentzel & Metz Hamburg, Pa.							
All Mash Layer	20.06	16.00	4.14	3.00	4.81	6.00	
Laying Mash	23.44	20.00	4.36	3.00	4.47	7.00	
Superior Hog Feed	17.44	16.00	4.47	3.00	5.35	7.00	
H. R. Wentzel Sons Landisburg & Newport, Pa.							
Hog Feed	15.31	14.00	3.14	3.00	7.71	10.00	
Laying Mash	21.13	20.00	4.39	4.00	5.08	6.00	
Wessel, Duval & Company, Inc. New York, N. Y.							
	Calcium		Phosphorus				
Imported Dicalcium Phosphate	25.64	25.00	19.20	18.50			

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
West Willow Farmers Association, Inc.							
West Willow, Pa.							
26% Beef-Gro Dry Lot Supplement	25.63	26.00	0.95	0.75	4.07	6.50	
36% Dairy Concentrate	*34.80	36.00	1.81	1.00	6.75	8.00	
Westerman's Feed Store							
Freeport & Sarver, Pa.							
Egg Mash	20.94	20.00	3.76	3.00	4.04	6.50	
Hog Feed	15.63	16.00	3.48	3.00	3.99	8.00	
Hog Feed	*14.06	16.00	3.28	3.00	4.03	8.00	
Western Feed Company							
Wilkes-Barre, Pa.							
Economy Feed	13.13	10.00	2.77	2.50	2.64	5.00	
Western Flour Company							
Charleroi, Pa.							
All-In-One Hog Ration	16.56	15.00	3.60	3.00	4.97	5.50	
16% Dairy Feed	17.81	16.00	3.62	2.50	8.43	11.00	
Western Pennsylvania Fur Farmers Coop. Assn.							
R. D. 1, Ebensburg, Pa.							
Mink Feed	13.61	12.00	6.56	4.00	1.45	2.00	
Mink Feed	15.60	12.00	7.66	4.00	0.47	2.00	
Westford Milling Company							
Westford, Pa.							
16% Milk Producer	19.38	16.00	3.20	1.50	6.37	10.00	
Premium 32% Dairy Mixer	32.81	32.00	2.12	1.50	6.55	9.00	
Westmoreland Farm Bureau Cooperative Assn.							
Greensburg, Pa.							
Corn & Oat Chop	11.75	9.00	3.96	3.50	6.15	8.00	
Corn & Oat Chop	11.56	9.00	4.02	3.50	5.80	8.00	
Pig & Hog Feed	16.25	14.00	4.13	3.00	5.22	7.00	
Pig & Hog Feed	16.25	14.00	3.73	3.00	6.00	7.00	
The Wheatena Corporation							
Highspire Flour Mills Division							
Highspire, Pa.							
Wheat Shorts	13.44	13.00	2.76	2.50	4.00	6.00	
Wheat Shorts	13.94	13.00	2.79	2.50	5.09	6.00	
Winter Wheat Bran	16.25	13.00	3.56	2.50	7.89	10.00	
Whitebread Brothers							
West Nanticoke, Pa.							
Check-R-Mix Cow & Growing Heifer Feed N	12.81	11.00	3.57	2.50	9.81	12.00	
Corn & Oats Chop	8.44	8.00	3.12	2.00	12.25	12.00	
Dog Food	26.09	24.00	4.65	3.00	5.39	7.00	
Hog Grower	13.75	12.00	3.60	2.50	8.63	8.00	
Whitebread's Mill							
R. D. 2, Wapwallopen, Pa.							
Complete Laying Mash	18.44	16.00	3.07	3.50	4.93	6.00	
18% Dairy Feed	20.94	18.00	3.34	2.00	*14.03	11.00	
Whitmoyer Laboratories, Inc.							
Myerstown, Pa.							
Arsanilic Acid 20%							+
Clo-Meal	42.19	38.00	12.06	9.00	4.10	5.00	
60% Fish Meal	63.13	60.00	7.65	3.00	1.88	7.00	
Flav-A-Dee	41.75	38.00	11.33	9.00	4.72	5.00	
Flav-A-Dee	40.94	38.00	12.38	9.00	4.34	5.00	
Flav-A-Dee	40.69	38.00	11.69	8.00	5.29	5.00	
Mix Mate	57.31	56.00	9.63	7.00	0.68	1.50	
	Calcium		Phosphorus				
#Tra-Phos #2	30.30	31.00	4.11	4.00			

MANUFACTURER AND BRAND	PROTEIN F G		FAT F G		FIBER F G		NOTES
Whiz Pet Food Company Seattle, Wash.							
Kitty Salmon for Cats	14.56	12.00	*12.77	2.00	0.18	1.00	
The George Wiedemann Brewing Company Newport, Kentucky							
Brewers Dried Grains	31.88	24.00	5.60	5.00	14.15	15.00	
Wilber-Ellis Company New York, N. Y.							
Fish Meal	66.25	65.00	*3.20	10.00	0.60	2.00	
The Williams Brothers Company Kent, Ohio							
Wheat Bran	15.31	13.00	3.78	3.00	8.90	12.00	
C. S. Willis & Sons Lemoyne, Pa.							
Laying Mash	18.44	17.00	4.05	2.50	7.82	10.00	
Laying Mash	19.06	17.00	3.98	2.50	7.00	10.00	
Starter & Grower	19.38	17.00	5.45	2.50	7.32	10.00	
Wilson & Company Chicago, Ill.							
Ideal Dog Food	10.62	10.00	5.47	3.00	0.69	1.00	
4-Paw Dog Food	19.70	15.00	10.81	9.00	0.11	1.00	
Wineka Feed Service Red Lion, Pa.							
Master Made Hi-Calory All Mash	17.19	17.00	5.22	4.00	2.41	3.50	
Super Hog Feed	17.00	16.00	4.18	3.00	5.72	8.00	
Wineland Feed Store Claysburg, Pa.							
Horse Feed	10.43	10.00	3.01	3.00	6.63	11.00	
Wineland Milling Company East Freedom, Pa.							
Corn & Oats Chop	10.75	9.00	3.66	2.50	4.95	12.00	
Corn & Oats Chop	10.31	9.00	3.76	2.50	5.13	12.00	
20% Egg Mash	20.94	20.00	4.00	3.25	4.66	6.00	
Mixed Grains for Poultry	10.63	9.00	2.77	2.50	3.48	6.00	
Pig & Hog Meal	15.44	13.00	3.77	3.00	4.45	8.00	
Wingerton Elevator Company R. D. 3, Waynesboro, Pa.							
Pig & Hog Meal	17.00	16.00	3.19	3.00	6.41	10.00	
Winter Garden Citrus Products Cooperative Winter Garden, Fla.							
Dried Citrus Pulp	6.13	6.00	3.28	2.50	12.93	16.00	
Wirthmore Feed, Inc. Waltham, Mass.							
36% Breeder Concentrate	36.25	36.00	3.56	3.00	3.52	4.50	
44% Broiler Concentrate A 192A Medicated	46.56	44.00	6.66	6.50	3.61	3.50	+
32 Dairy Concentrate	34.69	32.00	3.45	2.00	8.74	10.00	
44% Dairy Mixing Feed	48.13	44.00	2.01	1.50	6.19	10.00	
Grow & Egg Mash	20.94	20.00	4.41	4.00	4.54	4.50	
Hi-Cal Broiler Finisher 147A Medicated	23.13	22.50	6.45	7.00	2.94	3.00	+
14 Hi-Cal Dairy Feed Pellets	19.88	14.00	3.87	4.00	6.69	8.00	
16 Hi-Cal Pellets Dairy Feed	18.25	16.00	4.45	3.50	7.13	8.50	
16 Hi-Cal Pellets Dairy Feed	17.07	16.00	3.73	3.50	7.70	8.50	
16 Hi-Cal Pellets Dairy Feed	18.69	16.00	3.60	3.50	7.91	8.50	
Hi-Cal Pellets Dairy Feed	18.13	18.00	4.76	4.00	9.02	8.00	
Hi-Ener-G 17 Layer Medicated	18.44	17.00	4.28	4.00	3.00	3.50	+
40% Hog Supplement Medicated	42.94	40.00	2.45	1.00	4.46	8.00	+
16 Pro-Cal Dairy Feed	19.38	16.00	3.37	3.00	10.65	12.00	
Rabbit Pellets	18.75	16.00	4.15	3.00	13.04	15.00	



MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Wirthmore Feeds, Inc. - Continued							
16 Record Dairy Feed	19.25	16.00	3.93	3.50	8.10	9.00	
20 Record Dairy Feed	23.13	20.00	4.38	3.50	8.80	9.00	
20 Record Dairy Feed	20.63	20.00	4.09	3.50	8.62	9.00	
#Square's Dog Food	24.88	20.50	7.53	3.50	2.90	3.00	
Stable Mate Complete Horse Feed	13.75	12.50	2.58	2.00	17.91	20.00	
Twin-Mix Calf Feed	21.35	18.00	3.49	3.00	5.73	7.00	
Wild Bird Food	11.88	12.00	5.13	4.00	6.68	14.00	
Calvin M. Witmer Selinsgrove, Pa.							
Check-R-Mix Hog Finisher #2	11.88	12.00	2.70	2.50	4.10	6.00	
Check-R-Mix Hog Finisher #2 (D) 3-N Medicated	14.19	12.00	2.88	2.50	3.12	6.00	
Check-R-Mix Laying Mash LK	21.56	22.00	3.88	3.50	5.78	6.00	
Check-R-Mix Laying Mash LK	22.00	22.00	4.31	3.50	4.63	6.00	
Check-R-Mix Sow Feed D	14.38	14.00	2.90	2.50	4.76	6.00	
Check-R-Mix Sow Feed D	15.94	14.00	3.13	2.50	4.83	6.00	
Check-R-Mix Sow Feed D	15.00	14.00	3.49	2.50	5.09	6.00	
Wolgemuth Brothers, Inc. Florin, Pa.							
#32% Dairy Supplement	35.31	32.00	1.97	1.50	4.31	9.00	
	Calcium		Phosphorus		Salt		
Livestock Mineral	18.17	20.00	13.18	13.00	8.45	8.50	
Wood's Farm Supply Athens, Pa.							
Check-R-Mix 16% Dairy Feed P	18.75	16.00	2.81	2.50	5.78	7.00	
C. E. Woolever Catawissa & Ringtown, Pa.							
All Mash Pullet Developer	16.25	14.50	3.26	3.50	4.77	5.50	
All Mash Pullet Grower Medicated	17.06	16.50	3.35	3.50	4.71	6.00	+
20% Egg Mash	21.19	18.00	3.27	2.50	6.41	6.50	
Hi-Calorie All Mash Layer	17.81	16.50	4.71	4.00	2.80	3.50	
40% Hog Ringer Concentrate Medicated	40.63	40.00	5.58	3.00	6.78	6.50	+
Wright Milling Company R. D., Claysburg, Pa.							
Dairy Supplement	32.19	32.00	1.93	1.00	7.99	10.00	
Dog Food	26.31	23.00	9.50	5.00	2.47	4.50	
Dog Food	26.19	23.00	9.46	5.00	2.90	4.50	
Growing Mash Medicated	20.63	17.00	4.08	2.50	6.70	7.00	+
Horse & Calf Feed	12.40	10.00	3.21	2.00	5.84	9.50	
#Pep Mix Broiler Mash Medicated	22.81	22.00	5.23	4.50	2.59	5.00	17
Pep Mix Broiler Mash Medicated	*20.94	22.00	4.22	4.50	2.49	5.00	+
Pig & Hog Supplement Medicated	38.75	35.00	2.79	1.50	7.18	8.50	+
Xtra Factors, Inc. Ephrata, Pa.							
Beef	28.81	24.00	3.85	2.00	6.99	8.50	
Poultry	24.06	20.00	4.68	2.00	8.02	10.00	
Yieldmore Feeds, Inc. Piqua, Ohio							
#Station Fattener Pellets	12.81	12.00	3.66	2.00	3.97	6.50	
Yocum's Farm Supply Allenwood, Pa.							
Chick Starter Medicated	21.25	20.00	4.16	3.00	4.63	5.00	7a, 11a,18a
32% Dairy Supplement	31.56	32.00	2.20	2.00	8.40	9.00	
Egg Producer	20.63	20.00	5.37	3.50	4.88	6.50	
40% Hog Concentrate Medicated	42.19	40.00	4.95	2.50	7.47	8.50	+
22% Layer	23.13	22.00	5.02	3.50	4.80	6.00	
Pig & Sow Ration Medicated	17.19	16.00	4.36	3.50	6.09	6.00	+
York Flour Mills, Inc. York, Pa.							
Wheat Bran	16.25	13.00	3.93	2.50	9.68	12.00	
Wheat Flour Middlings	17.50	13.00	4.98	2.50	4.73	9.00	
Wheat Flour Middlings	15.63	13.00	3.61	2.50	4.70	9.00	

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
F. S. Yost's Son Pleasant Valley, Pa.							
32% Dairy Concentrate	33.13	32.00	1.55	1.50	8.62	9.00	
Pig Feed	20.81	16.00	3.60	4.00	7.53	8.00	
Starter & Grower Medicated	23.50	20.00	4.44	3.50	6.34	7.00	+
Young's Vitamon & Mineral Products Company Roaring Spring, Pa.							
	Calcium		Phosphorus				
Vit-Y-Min "All Season" Supplement for Cattle, Sheep & Goats	17.66	16.00	13.45	12.00			
	Calcium		Phosphorus				
Vit-Y-Min "All Season" Supplement for Cattle, Sheep & Goats	15.65	16.00	12.21	12.00			
	Calcium		Phosphorus				
Vit-Y-Min for Cattle	23.28	23.00	17.34	17.00			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y Choice	15.45	16.00	11.52	12.00			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y-Duo	23.08	24.00	17.28	16.50			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y-Mix	22.82	23.00	17.54	17.00			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y-Mix	22.28	23.00	17.02	17.00			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y-Mix	22.15	23.00	16.40	17.00			
	Calcium		Phosphorus				
Vit-Y-Min Dair-Y-Tone	16.05	17.00	11.70	12.00			
	Calcium		Phosphorus				
Vit-Y-Min for Hogs	23.88	23.00	18.02	16.00			
	Calcium		Phosphorus				
Vit-Y-Min "Old Formula" for Cattle	16.65	17.00	12.38	12.00			
	Calcium		Phosphorus				
Vit-Y-Min Pig Mix	19.67	22.00	14.75	13.00			
	Calcium		Phosphorus				
Vit-Y-Min for Poultry	23.19	22.00	17.00	16.00			
Zechman's Flour Mills, Inc. Potts Grove, Pa.							
Check-R-Mix Laying Mash	18.13	18.00	4.53	3.00	4.49	7.00	
Wheat Bran	15.31	14.00	4.28	3.00	8.23	10.00	
Wheat Bran	14.06	14.00	4.52	3.00	8.95	10.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	*13.94	15.00	4.68	4.00	3.98	7.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	14.63	15.00	3.86	4.00	4.06	7.00	
Paul W. Zeger Greencastle, Pa.							
All Mash Layer	17.44	16.00	3.57	3.00	4.45	5.00	
Zeigler Brothers Feed Mills, Inc. Gardners, Pa.							
30% Beef Concentrate	32.19	30.00	4.30	4.00	10.51	11.00	
35% Hog Concentrate	38.13	35.00	2.10	2.00	5.97	5.50	
Hog Feed	13.44	13.00	4.60	3.50	5.20	5.50	
40% Poultry Concentrate	42.06	40.00	3.69	3.50	4.66	4.80	
Zellers Laboratories Reading, Pa.							
Residual Dried Brewery Yeast	42.81	41.00	0.93	0.50	4.91	5.00	
Vita-Gee	*28.63	32.00	2.22	0.50	2.81	4.50	
Vita-Gee	30.94	32.00	4.07	0.50	3.52	4.50	
Zimmers' Feed Mill, Inc. Boyertown, Pa.							
Egg Mash	19.06	20.00	3.70	3.50	4.56	6.50	
Fitting Ration	15.00	13.00	2.39	2.50	6.88	8.50	
Hog Feed	15.94	15.50	4.26	3.50	5.39	6.00	
Starter & Grower	19.88	18.00	2.90	3.50	5.96	6.50	
M. Simon Zook Company Honeybrook, Pa.							
	Brix		Invert Sugar				
Cane Molasses	79.60°	79.50°	48.25	48.00			

MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER		NOTES
	F	G	F	G	F	G	
Zook's Flour Mills R. D. 1, Bareville, Pa.							
Winter Wheat Bran	15.94	15.00	3.48	3.00	11.09	12.00	
Winter Wheat Middlings	16.88	15.00	3.59	3.00	6.57	8.00	
Zortman Flour & Feed Company Edinboro, Pa.							
16% Dairy Feed	17.25	16.00	2.86	2.00	6.73	10.00	
Hog Feed	17.44	15.00	3.12	2.50	5.40	8.00	
Laying Mash	22.25	20.00	4.29	3.50	3.72	7.00	
John L. Zug & Son, Inc. Richland, Pa.							
Check-R-Mix Laying Feed (All Mash) SN	18.13	16.00	4.18	3.00	4.32	5.00	
Check-R-Mix Sow Feed	15.94	14.00	3.44	2.50	5.30	6.00	



# OFFICIAL FERTILIZER TOLERANCES

Total Nitrogen		Available Phosphoric Acid		Soluble Potash	
Guarantee	Tolerance	Guarantee	Tolerance	Guarantee	Tolerance
2%	.20%	up to 10%	.40%	2%	.20%
3	.25	10-25	.50	3	.30
4	.35	over 25	.75	4	.40
5-8	.40			5-8	.50
8-30	.50			8-20	.60
over 30	.75			over 20	1.00

## COMMERCIAL FERTILIZER ANALYSES

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### KEY

- F - Found to be present.
- G - Guaranteed to be present.
- \* - Deficient.
- # - Not registered when sampled.

Note: When the brand name is incomplete refer to the manufacturer immediately above.

COMMERCIAL FERTILIZER

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID		POTASH
		total	avail.	
The American Agricultural Chemical Company New York, New York				
Normal Superphosphate 18%		18.99		
Normal Superphosphate 18%		18.49		
Normal Superphosphate 18%		18.52		
Agri-Phos Superphosphate 20%		20.68		
Agri-Phos Superphosphate 20%		20.30		
Agri-Phos Superphosphate 20%		20.59		
Agri-Phos Superphosphate 20%		20.00		
Agri-Phos Superphosphate 20%		21.74		
Agri-Phos Superphosphate 20%		20.93		
Agri-Phos Superphosphate 20%		19.92		
Agri-Phos Superphosphate 20%		20.28		
AA 0-20-20		20.91		20.54
AA 0-20-20		20.23		19.96
AA 0-20-20		21.73		*18.64
AA 0-20-20		18.99		20.74
Agrico Phosphate & Potash 0-20-20		20.68		20.41
Agrico Phosphate & Potash 0-20-20		20.52		20.97
Agrico Phosphate & Potash 0-20-20		21.83		20.68
Agrico Phosphate & Potash 0-20-20		21.14		20.54
Agrico Phosphate & Potash 0-20-20		20.47		19.96
#Agrico Phosphate & Potash 0-20-20 w/Dieldrin		20.20		20.12
Agrico Phosphate & Potash 0-25-25		25.28		24.40
#Agrico for Grain 3-12-6	3.05	12.30		6.53
Agrico for Grain 3-12-6	3.10	11.88		7.24
AA 3-12-12	3.02	12.17		11.86
AA 3-12-12	2.95	12.60		12.36
Agrico for Grain 3-12-12	3.02	12.25		12.04
Agrico for Tobacco 4-8-12	4.25	8.36		12.05
#Agrico for Tobacco 4-8-16	4.05	8.35		16.20
AA 5-10-5	5.15	10.34		4.67
AA 5-10-5	5.10	10.02		5.04
AA 5-10-5	5.00	10.06		4.95
AA 5-10-5	5.10	9.94		5.27
AA 5-10-10	5.00	10.25		10.27
AA 5-10-10	5.12	10.78		9.42
AA 5-10-10	4.96	10.84		10.22
AA 5-10-10	5.09	10.23		9.79
AA 5-10-10	4.92	10.13		9.83
AA 5-10-10	5.30	10.13		10.80
AA 5-10-10	4.77	10.52		10.58
AA 5-10-10	5.20	10.40		9.82
AA 5-10-10	5.05	10.50		9.78
AA 5-10-10	5.05	10.14		10.97
AA 5-10-10	5.00	10.08		10.84
Agrico for Corn 5-10-10	4.95	10.82		10.17
Agrico for Corn 5-10-10	5.05	10.65		10.10
Agrico for Corn 5-10-10	5.02	10.00		10.39
Agrico for Corn 5-10-10	4.87	10.05		10.00
Agrico for Grain 5-10-10	4.95	10.24		10.39
Agrico for Grain 5-10-10	4.95	10.28		10.01
Agrico for Grain 5-10-10	5.23	10.49		10.17
Agrico for Grain 5-10-10	4.95	9.99		9.90
Agrico for Grain 5-10-10	4.93	10.15		10.12
Agrico for Grain 5-10-10	4.94	9.95		10.06
Agrico for Grain 5-10-10	4.74	10.69		9.88
Agrico for Grain 5-10-10	5.15	10.12		10.25
Agrico for Potatoes 5-10-10	5.10	10.13		10.28
Agrico for Truck 5-10-10	5.04	10.09		10.17
Agrico for Truck 5-10-10	4.70	9.98		10.81
Agrico for Truck 5-10-10	5.30	10.07		10.10
Agrico for Truck 5-10-10	5.00	10.21		9.47
Agrico for Truck 5-10-10	4.65	10.16		10.69
Agrico for Truck 5-10-10	4.90	10.48		9.88
Agrico for Truck 5-10-10	4.95	10.13		10.42
Agrico for Truck 5-10-10	4.80	10.53		10.76
Agrico for Truck 5-10-10	*4.52	10.10		10.75
#AA Corn Starter 5-20-10	4.90	20.34		10.06
Agrico for Grain 5-20-10	5.08	20.07		10.44
Agrico for Grain 5-20-10	4.78	19.90		9.74
Agrico for Grain 5-20-10	4.82	20.72		10.69
Agrico for Grain 5-20-10	5.10	19.68		10.61
AA 5-20-20	5.00	19.61		20.02
Agrico for Grain 5-20-20	5.58	21.20		*17.87
Agrico for Grain 5-20-20	5.29	20.41		19.42
Agrico for Grain 5-20-20	4.85	19.87		21.01
Agrico for Potatoes 6-12-12	*5.40	12.20		11.48
AA 6-24-12	6.10	24.59		12.04
Agrico for Beans 6-24-12	6.30	23.56		11.86
Agrinite 7-0-0	6.20			
Agrinite 7-0-0	7.00			
Agrico for Garden 8-16-8	8.35	16.20		7.56
Agrico for Truck 8-16-8	8.00	16.27		15.43



## The American Agricultural Chemical Co. - Continued

AA 8-16-16	7.70	15.70	17.28
AA 8-16-16	8.15	16.35	16.09
AA 8-16-16	7.80	16.16	16.04
#Agrico for Grain 8-16-16	7.85	16.50	16.85
#Agrico for Grain 8-16-16	7.88	16.45	16.48
Agrico for Truck 8-16-16	7.73	16.49	15.62
AA 8-24-8	7.70	23.25	8.35
AA 8-24-8	7.85	24.51	8.04
Agrico for Wheat 8-32-16	7.80	*30.51	17.23
AA 10-6-4	9.65	6.80	4.39
Agrico for Grass 10-6-4	10.57	6.34	4.23
Agrico for Lawns, Trees and Shrubs 10-6-4	10.45	6.16	4.05
Agrico for Lawns, Trees and Shrubs 10-6-4	10.05	7.17	4.32
Agrico Weed Control 10-6-4	10.06	6.12	4.49
AA 10-10-10	*9.20	10.73	9.73
Agrico for Top Dressing 10-10-10	9.76	10.65	10.55
Agrico for Top Dressing 10-10-10	9.97	10.56	10.02
Agrico for Top Dressing 10-10-10	*8.80	10.91	10.17
Agrico for Top Dressing 10-10-10	9.66	10.36	10.12
Agrico for Top Dressing 10-10-10	9.60	10.79	10.30
Agrico for Top Dressing 10-10-10	9.55	10.73	10.13
Agrico for Top Dressing 10-10-10	9.55	10.68	10.28
Agrico for Top Dressing 10-10-10	9.85	9.87	10.20
Agrico for Top Dressing 10-10-10	9.80	10.12	10.30
Agrico for Top Dressing 10-10-10	10.40	10.22	9.87
Agrico for Truck 10-20-10	9.65	20.78	9.60
Agrico for Grain 10-20-20	10.08	21.33	19.58
Agrico for Grain 10-20-20	10.10	20.82	20.41
Agrico for Grain 10-20-20	9.65	19.64	20.98
Agrico for Grain 10-20-20	10.00	19.26	19.80
Agrico for Grain 10-20-20	9.75	21.21	18.70
Agrico for Truck 10-20-20	9.31	20.63	19.93
Agrico for Truck 10-20-20	9.70	21.68	18.72
AA 12-12-12	11.55	12.65	12.93
AA 12-12-12	11.95	12.02	11.50
AA 12-12-12	13.15	12.39	11.50
AA 12-12-12	11.65	12.47	12.85
AA 12-12-12	12.10	11.88	13.30
Agrico for Top Dressing 12-12-12	*11.10	12.56	13.08
Agrico for Top Dressing 12-12-12	11.60	12.07	13.78
Agrico for Top Dressing 12-12-12	13.25	12.01	*11.06
#Agrico for Grass 16-8-8	16.30	9.22	8.64
Agrico for Grass 16-8-8	16.00	8.55	8.19
Agrico for Grass 16-8-8	15.55	8.55	8.51
Agrico for Grass 16-8-8	15.70	9.40	8.74
Agrico for Top Dressing 16-8-8	15.88	8.48	8.37
Agrico for Top Dressing 16-8-8	15.50	9.01	8.43
Agrico for Top Dressing 16-8-8	15.70	8.49	8.96
Agrico for Top Dressing 16-8-8	15.55	8.47	8.46
Agrico for Top Dressing 16-8-8	15.65	8.46	8.20
Agrico for Top Dressing 16-8-8	15.40	8.68	8.99
Agrico for Top Dressing 16-8-8	15.65	7.86	8.57
Agrico Water Soluble 17-17-17	16.56	17.38	17.07
Ammonium Phosphate 18-46-0	17.60	46.98	

American Cyanamid Company  
Princeton, New Jersey

#Amanol 30%	29.57		
Aeroprills, Ammonium Nitrate 33.5%	33.60		
Aeroprills, Ammonium Nitrate 33.5%	33.40		
Aeroprills, Ammonium Nitrate 33.5%	33.60		
Aero Urea Coated Prills 45%	44.73		
Trebo-Phos Triple Superphosphate 0-46-0		47.13	
Trebo-Phos Triple Superphosphate 0-46-0		46.34	

Armour Agricultural Chemical Company  
Baltimore, Maryland

Big Crop Superphosphate 20%		20.45	
Big Crop Superphosphate 20%		20.44	
Big Crop Superphosphate 20%		20.90	
Big Crop 0-15-30		14.53	31.30
Big Crop 0-20-20		19.68	20.01
#Pebble 0-20-20		20.28	20.74
Big Crop 0-20-20 w/Borax		20.40	22.00
Big Crop 0-25-25		*19.12	31.96
Sheep Manure 1.25-1-2	1.55	0.67	9.70
Cattle Manure 2-1-2	2.43	0.98	3.48
Cattle Manure 2-1-2	1.65	0.62	8.35
Steamed Bone Meal 2.30-23	2.75		
Big Crop 3-12-6	3.31	25.04	11.68
Big Crop 3-12-6	3.52		12.24
			7.49
			7.38

## MANUFACTURER AND BRAND

NITROGEN

PHOSPHORIC ACID  
total avail.

POTASH

## Armour Agricultural Chemical Company - Continued

Big Crop 3-12-6	5.05	11.54	8.21
Vertagreen for Commercial Crops 3-12-12	3.47	12.47	12.61
Vertagreen for Commercial Crops 3-12-12	2.90	12.14	12.84
Vertagreen for Commercial Crops 3-12-12	3.01	11.99	13.22
Vertagreen for Commercial Crops 3-12-12	3.25	12.19	*9.82
Big Crop Tobacco Grower 4-8-12	4.10	8.33	12.33
Vertagreen for Commercial Crops 4-12-12	4.61	11.78	13.11
Armorganic 5-5-0	4.25	4.47	
Big Crop 5-10-5	5.10	10.48	5.63
Big Crop 5-10-5	5.20	10.92	5.44
#Pebble 5-10-5	4.80	9.89	5.26
#Pebble 5-10-5	5.01	10.72	5.58
Vertagreen for Lawns and Gardens 5-10-5	6.05	10.36	6.18
Vertagreen for Lawns and Gardens 5-10-5	4.73	10.27	6.61
Vertagreen Rose Food 5-10-5	5.30	9.66	5.71
Big Crop 5-10-10	5.09	9.76	10.81
Big Crop 5-10-10	5.23	10.14	10.49
Big Crop 5-10-10	4.74	10.15	11.19
Big Crop 5-10-10	5.02	10.24	10.44
Big Crop 5-10-10	4.60	9.99	13.43
Big Crop 5-10-10	*4.15	9.20	12.60
Big Crop 5-10-10	5.20	10.63	9.63
Big Crop 5-10-10	4.95	10.12	10.97
Big Crop 5-10-10	4.95	10.86	9.31
Big Crop 5-10-10	5.10	10.52	10.82
Big Crop 5-10-10	4.87	10.07	10.47
Big Crop 5-10-10	5.30	9.60	10.97
Big Crop 5-10-10	4.95	10.31	10.48
Big Crop 5-10-10	5.15	10.47	11.03
Big Crop 5-10-10	5.00	10.19	9.43
Vertagreen for Acid-Loving Plants 5-10-10	5.92	12.01	12.15
Vertagreen for Commercial Crops 6-12-12	5.90	12.40	11.83
Vertagreen for Commercial Crops 6-12-12	6.05	12.09	11.77
Vertagreen for Commercial Crops 6-12-12	6.10	11.94	12.32
Vertagreen for Commercial Crops 6-18-6	6.80	17.06	7.20
#Vertorganic 8-5-7 50% Organic	9.35	5.35	6.54
Vertagreen for Commercial Crops 8-8-8	7.62	8.80	8.48
Big Crop 8-16-16	7.40	15.54	16.11
Big Crop 8-16-16	7.65	14.84	16.83
Big Crop 8-16-16	*6.65	*12.23	*11.73
Vertagreen for Commercial Crops 8-16-16	*6.05	15.85	20.82
Vertagreen for Commercial Crops 8-16-16	*6.89	17.84	16.75
#Power Prills 8-24-24	8.15	24.10	24.85
Vertagreen for Commercial Crops 10-6-4	*9.08	7.63	5.23
Vertagreen for Commercial Crops 10-6-4	10.30	6.77	4.82
Vertagreen for Commercial Crops 10-6-4	9.60	7.37	5.74
Vertagreen for Turf and Trees 10-6-4	*7.98	6.52	6.55
Vertagreen for Turf and Trees 10-6-4	10.05	6.26	4.23
Big Crop 10-10-10	*8.70	11.01	10.27
Big Crop 10-10-10	*8.35	10.51	10.21
Big Crop 10-10-10	9.50	*9.37	11.56
Big Crop 10-10-10	9.21	10.00	10.90
Big Crop 10-10-10	9.60	10.23	10.68
Big Crop 10-10-10	*6.50	10.41	9.58
#Pebble 10-10-10	9.70	10.61	10.04
Vertagreen for Commercial Crops 10-10-10	*9.15	10.42	10.06
Big Crop 10-20-20	*8.55	*15.45	22.30
Big Crop 10-20-20	10.00	20.46	19.58
Big Crop 10-20-20 w/Dieldrin	*8.90	19.01	18.88
Vertagreen for Commercial Crops 12-12-12	9.50	13.64	15.37
#Power Prills 15-15-15	14.50	17.28	15.67
Power Prills 15-15-15	14.70	16.42	16.15
Vertagreen 15-40-5	14.55	39.86	8.33
Vertagreen for Commercial Crops 16-8-8	*11.60	10.34	9.48
Vertagreen for Commercial Crops 16-8-8	15.07	8.47	8.49
Vertagreen for Commercial Crops 16-8-8	15.51	8.67	8.32
Vertagreen for Commercial Crops 20-10-10	20.70	11.12	11.39
Vertagreen for Lawn 20-10-10	*18.90	9.74	9.56
Muriate of Potash 0-0-60			*57.52

The Baugh Chemical Company  
Philadelphia, Pa.

Superphosphate 20%	20.47	
Superphosphate 20%	20.19	
Superphosphate 20%	20.72	
Phosphate & Potash 0-15-30	14.55	*27.24
Phosphate & Potash 0-15-30	15.38	29.04
Phosphate & Potash 0-20-20	21.18	*9.95
Phosphate & Potash 0-20-20	19.52	21.24
Phosphate & Potash 0-20-20	19.38	*18.46
Phosphate & Potash 0-20-20	21.19	*17.91
Phosphate & Potash 0-20-20	20.72	20.24
Phosphate & Potash 0-20-20	19.97	20.20

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
The Baugh Chemical Company - Continued			
Steamed Bone Meal 1-30	1.20	31.70	
Premium Plant Food and Soil Builder 2-12-12	2.95	11.66	14.28
Double Eagle 3-12-6	3.10	12.15	6.64
Premium Plant Food and Soil Builder 3-12-6	3.69	12.91	9.42
Premium Plant Food and Soil Builder 3-12-6	3.50	12.12	7.89
Premium Plant Food and Soil Builder 4-12-12	4.01	12.26	13.22
Premium Plant Food and Soil Builder 5-10-5	4.90	10.06	5.20
Premium Plant Food and Soil Builder 5-10-5	4.60	10.82	5.84
5-10-10	5.48	10.47	10.66
5-10-10	5.40	10.19	10.71
Premium Plant Food and Soil Builder 5-10-10	5.70	11.35	9.96
Premium Plant Food and Soil Builder 5-10-10	4.63	10.84	10.49
Premium Plant Food and Soil Builder 5-10-10	5.03	9.52	9.90
Premium Plant Food and Soil Builder 5-10-10	4.74	10.54	10.08
Premium Plant Food and Soil Builder 5-10-10	4.70	10.19	10.23
Premium Plant Food and Soil Builder 5-10-10	5.05	10.20	10.18
Premium Plant Food and Soil Builder 5-10-10	4.80	10.21	9.65
Premium Plant Food and Soil Builder 5-10-10	5.25	9.92	10.59
5-20-10	4.95	20.22	10.71
6-12-6 w/Magnesium	5.72	11.81	6.33
Premium Plant Food and Soil Builder 6-12-6 w/Magnesium	5.75	12.20	5.73
6-12-12	6.10	12.01	11.96
Premium Plant Food and Soil Builder 6-12-12	6.33	11.52	11.77
Premium Plant Food and Soil Builder 6-12-12	5.88	12.29	12.31
Premium Plant Food and Soil Builder 6-12-12	6.20	11.52	11.35
Premium Plant Food and Soil Builder 6-12-12 w/Magnesium	5.90	11.83	11.89
8-8-8 w/Magnesium	8.10	9.54	8.41
Premium Plant Food and Soil Builder 8-16-16	7.86	18.23	14.83
#Premium Plant Food and Soil Builder 8-32-16	7.75	31.24	15.84
Premium Plant Food and Soil Builder 8-32-16	7.70	31.04	15.99
Premium Plant Food and Soil Builder 10-6-4	10.25	6.90	4.81
Premium Plant Food and Soil Builder 10-6-4	11.50	6.51	4.52
Village Green 10-6-4	10.08	6.82	5.09
10-10-10	10.20	9.98	10.42
10-10-10	10.35	9.96	10.11
10-10-10	10.35	10.10	9.81
10-10-10	9.75	10.16	9.56
10-10-10	9.80	10.13	9.41
10-10-10	9.60	10.33	10.39
10-10-10	10.10	9.75	9.68
Premium Plant Food and Soil Builder 10-10-10	9.83	10.44	10.66
Premium Plant Food and Soil Builder 10-10-10	10.00	10.32	10.04
Premium Plant Food and Soil Builder 10-10-10	9.45	10.71	10.74
Premium Plant Food and Soil Builder 10-10-10	9.82	10.10	9.42
Premium Plant Food and Soil Builder 10-10-10	9.55	10.82	9.06
Premium Plant Food and Soil Builder 10-10-10	9.20	10.76	10.24
10-20-20	*9.33	*18.37	20.67
Special Turf 12-6-4	11.25	6.11	4.05
16-8-8	*14.22	8.85	9.07
Bishop Processing Company Bishop, Md.			
Steamed Bone Meal 2.47-23	2.37	28.38	
Bryn Mawr Feed & Seed Company Bryn Mawr, Pa.			
6-10-4	6.50	10.70	5.57
W. Atlee Burpee Company Philadelphia, Pa.			
Lawn Food 20-10-5	20.20	11.96	5.13
California Chemical Company, Ortho Division Richmond, Calif.			
Unipel 10-20-20	9.72	20.39	20.88
Unipel 10-20-20	9.68	20.54	20.54
Unipel 10-20-20	9.63	20.18	20.65
Unipel 10-20-20	10.20	19.60	19.60
Unipel 10-20-20	9.55	20.03	19.79
Unipel 10-20-20	9.95	20.88	20.09
Unipel 10-20-20	10.25	20.54	20.21
Unipel Starter Special 13-34-10	12.80	34.12	10.10
Unipel Starter Special 13-34-10	13.00	35.08	10.13
Unipel Starter Special 13-34-10	13.35	34.58	10.66
Unipel Starter Special 13-34-10	12.90	33.40	10.26
Unipel 16-16-16	15.40	17.36	16.05
Unipel 16-16-16	15.90	15.15	16.59
Unipel 16-16-16	16.40	16.12	16.33
Unipel 16-16-16	15.50	15.81	16.15
Unipel 16-16-16	15.90	16.25	15.85



MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
California Chemical Company, Ortho Div. - Continued			
Unipel 20-10-10	20.25	10.80	10.52
Unipel 20-10-10	20.05	10.18	10.56
Unipel 20-20-0	20.05	20.10	
Ammonium Nitrate 33.50%	33.80		
Carlisle Fertilizer Works, Inc. Carlisle, Pa.			
Superphosphate 20%		20.38	
3-12-6	2.23	11.10	6.78
5-10-10	4.23	10.40	10.34
5-10-10	4.05	9.72	11.56
10-10-10	*9.22	9.88	10.39
10-10-10	9.85	9.89	10.06
Central Chemical Corporation Hagerstown, Md.			
Farmrite Superphosphate 20%		21.20	
Farmrite Superphosphate 20%		22.83	
Farmrite Superphosphate 20%		20.94	
Farmrite Superphosphate 20%		19.48	
#Farmrite 0-14-14		*12.26	15.62
Farmrite 0-20-20		19.56	24.77
Farmrite 0-20-20		*18.67	21.16
Farmrite 0-20-20		22.96	*9.20
Farmrite 0-20-20		19.52	24.29
Farmrite 0-20-20		*17.92	23.42
Farmrite 0-20-20		20.05	19.52
Farmrite 0-20-20		19.61	19.97
Farmrite 0-20-20		20.03	19.00
Farmrite 0-20-20 w/Heptachlor		19.86	21.40
Farmrite 0-20-20 w/Heptachlor		20.34	19.80
Farmrite 0-20-20 w/Heptachlor		*17.39	21.94
Farmrite 0-20-20 w/Heptachlor		11.16	8.83
Farmrite Golden Grain 3-12-6	3.01	11.08	13.65
Farmrite 3-12-12	2.83	11.04	11.31
Farmrite 3-12-12	3.85	11.56	*10.17
Farmrite 4-12-12	4.00	10.43	11.45
Farmrite 5-10-10	5.28	*8.98	10.06
#Farmrite 5-10-10	5.08	*7.90	10.96
Farmrite 5-10-10	5.40	*8.44	10.91
#Farmrite 5-10-10	5.45	9.18	10.49
Farmrite 5-10-10	4.95	9.78	9.79
Farmrite 5-10-10	4.85	9.61	11.66
Farmrite 5-10-10	5.52	*7.46	11.18
Farmrite 5-10-10	5.35	9.63	9.59
Farmrite 5-10-10	4.90	10.16	9.91
Farmrite 5-10-10	5.10	9.92	10.80
Farmrite 5-10-10	4.90	9.87	10.23
Farmrite 5-10-10	5.05	*8.93	9.95
Farmrite 5-10-10	5.05	9.75	*8.71
Farmrite 5-10-10	4.85	10.08	9.65
Farmrite 5-10-10	5.15	8.05	9.81
Farmrite 5-10-10	4.80	9.86	9.66
Farmrite 5-10-10	5.45	*8.89	*8.36
Farmrite 5-10-10	*4.49	9.73	10.36
Farmrite 5-10-10	4.57	18.88	21.72
Farmrite 5-20-20	4.68	*18.15	21.40
Farmrite 5-20-20	4.61	*15.99	*14.96
Farmrite 5-20-20	9.85	18.70	*17.84
Farmrite 5-20-20	6.55	11.50	12.68
Farmrite 6-12-12	*4.78	11.51	12.56
Farmrite 6-12-12	5.25	*13.96	24.23
Farmrite 6-18-18	5.50	15.40	15.74
Farmrite 8-16-16	7.04	16.62	16.91
Farmrite 8-16-16	8.03	15.61	15.73
Farmrite 8-16-16	8.00	15.94	*13.36
Farmrite 8-16-16	9.25	15.65	19.12
Farmrite 8-16-16	*6.85	21.34	*13.13
Farmrite 8-16-16	9.10	*14.18	*15.06
Farmrite 8-16-16	9.85	*14.34	16.68
Farmrite 8-16-16	8.25	27.21	*7.05
Farmrite 8-24-8	7.80	*19.97	7.58
Farmrite 8-24-8	9.85	6.18	4.85
Farmrite 10-6-4	9.85	9.99	10.17
Farmrite 10-10-10	10.08	10.07	*8.45
Farmrite 10-10-10	*8.41	10.05	9.90
Farmrite 10-10-10	10.17	12.65	9.10
Farmrite 10-10-10	9.68	9.96	10.06
Farmrite 10-10-10	10.16	9.79	15.40
Farmrite 10-10-10	*8.05	10.05	10.42
Farmrite 10-10-10	10.40	10.57	*6.89
Farmrite 10-10-10	11.95		

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Central Chemical Corporation - Continued			
Farmrite 10-10-10	9.70	*8.99	11.82
Farmrite 10-10-10	10.55	12.93	8.93
Farmrite 10-10-10	9.35	10.59	10.08
Farmrite 10-10-10	9.66	10.21	9.86
Farmrite 10-10-10	11.98	*7.28	*6.66
Farmrite 10-10-10	10.35	9.86	9.95
Farmrite 10-10-10	9.57	10.15	11.91
Farmrite 10-20-10	10.65	19.95	10.04
Farmrite 10-20-10	12.75	*14.02	*7.48
Farmrite 10-20-20	10.18	23.67	17.82
#Farmrite 10-20-20	9.65	19.71	19.87
#Farmrite 10-20-20	10.60	*18.54	*18.72
Farmrite 10-20-20	*9.10	20.79	20.81
Farmrite Double Five Ten Ten 10-20-20	10.52	19.76	19.96
Farmrite Double Five Ten Ten 10-20-20	10.00	21.87	*17.07
Farmrite 12-12-12	11.57	12.91	11.61
Farmrite 15-10-10	15.37	9.66	*8.99
Farmrite 15-10-10	15.60	13.28	*7.11
Farmrite 15-10-10	15.15	*8.07	9.71
Farmrite 15-10-10	16.15	7.82	*7.84
Gro-All Green 20-10-5	*17.15	11.60	6.67
Comark Corporation Ithaca, N. Y.			
Squire Applegate Gro Leaf Evergreen 8-4-4	8.00	3.81	6.47
The Conard-Pyle Company West Grove, Pa.			
Star Rose 7-7-7	6.87	10.27	*5.29
Star Rose 15-30-15	14.10	30.60	14.15
Cooperative Fertilizer Service Baltimore, Md.			
Superphosphate 20%		21.00	
Superphosphate 20%		20.62	
Superphosphate 20%		20.94	
Superphosphate 20%		21.06	
Superphosphate 20%		21.14	
0-20-20		21.38	21.19
0-20-20		21.20	20.39
0-20-20		21.80	20.22
0-20-20		21.38	19.69
0-20-20		*14.16	26.24
0-20-20		21.37	20.46
0-20-20		21.50	19.79
0-20-20		22.66	*18.80
0-20-20		20.19	21.18
0-20-20		18.56	20.20
0-20-20		20.42	20.95
2-12-12	2.19	12.30	13.80
2-12-12	2.30	12.12	12.96
3-12-6	3.43	11.94	6.48
3-12-6	3.35	11.96	6.49
5-10-5	4.85	10.85	6.75
Lawn & Turf 5-10-5	4.50	11.30	7.69
5-10-10	5.26	9.85	11.40
5-10-10	5.48	10.63	10.12
5-10-10	5.12	10.06	10.81
5-10-10	5.24	10.36	10.53
5-10-10	5.73	10.45	10.59
5-10-10	5.10	10.18	10.96
5-10-10	5.18	10.22	11.21
5-10-10	5.15	10.27	10.36
5-10-10	5.20	10.56	10.69
5-10-10	5.60	10.63	10.05
5-10-10	5.32	10.47	10.78
5-10-10	4.90	11.15	11.50
5-10-10	5.25	9.90	11.04
5-10-10	5.20	10.38	11.23
5-10-10	5.25	10.40	11.29
5-10-10	6.35	11.25	11.44
5-10-10	5.20	10.36	10.77
5-10-10	5.15	10.29	10.90
5-10-10	5.40	10.35	11.00
5-10-10	5.55	10.28	10.13
5-10-10	5.55	11.76	11.52
5-10-10	5.20	10.24	11.12

## MANUFACTURER AND BRAND

NITROGEN

PHOSPHORIC ACID  
total avail.

POTASH

## Cooperative Fertilizer Service - Continued

Special Corn Starter 5-15-5 w/2% MgO	6.05	15.46	6.75
Special Corn Starter 5-15-5 w/2% MgO	5.65	14.61	6.58
Special Corn Starter 5-15-5 w/2% MgO	5.85	15.08	5.98
Special Corn Starter 5-15-5 w/2% MgO	5.35	15.20	5.43
Special Corn Starter 5-15-5 w/2% MgO	5.50	14.78	5.48
Special Corn Starter 5-15-5 w/2% MgO	5.25	14.90	5.72
Special Corn Starter 5-15-5 w/2% MgO	6.40	20.91	20.72
#5-20-20	7.60	20.78	20.53
5-20-20	6.53	12.59	11.93
6-12-12	7.05	13.44	14.47
6-12-12	6.35	12.02	12.04
6-12-12	6.36	16.78	18.40
6-18-18	7.85	17.34	17.23
6-18-18	8.02	16.36	16.32
8-16-16	7.82	16.21	16.69
8-16-16	6.85	16.88	15.47
8-16-16	7.96	16.15	15.89
8-16-16	7.65	16.12	17.20
8-16-16	7.65	16.21	17.69
8-16-16	7.91	15.55	16.52
8-16-16	8.05	16.29	16.06
8-16-16	7.70	16.67	16.93
8-16-16	8.20	15.92	16.58
8-16-16	8.05	15.86	15.97
8-16-16	8.03	16.06	17.79
8-16-16	7.95	15.78	16.39
8-16-16	7.62	15.83	16.86
8-16-16	7.25	16.16	17.68
8-16-16	8.10	15.57	16.12
8-16-16	8.35	16.42	*14.85
8-16-16	8.04	16.02	16.63
8-16-16	7.65	14.90	19.50
8-16-16	8.31	23.51	8.64
Small Grain 8-24-8	8.63	23.74	8.35
Small Grain 8-24-8	7.15	24.24	8.72
Small Grain 8-24-8	8.60	24.72	8.55
Small Grain 8-24-8	8.50	*21.04	8.86
Small Grain 8-24-8	8.40	23.58	7.50
Small Grain 8-24-8	8.55	24.12	8.35
Small Grain 8-24-8	8.90	23.52	8.43
Small Grain 8-24-8	8.65	23.38	8.23
Small Grain 8-24-8	9.65	7.38	6.42
Lawn & Turf 10-5-5	9.60	5.73	6.02
Lawn & Turf 10-5-5	9.75	10.81	10.49
10-10-10	10.10	10.52	10.87
10-10-10	10.07	10.66	10.70
10-10-10	9.05	10.76	10.22
10-10-10	10.11	10.94	10.38
10-10-10	9.80	10.40	10.45
10-10-10	9.57	10.22	9.74
10-10-10	10.00	10.50	10.72
10-10-10	9.90	10.26	9.72
10-10-10	10.10	10.62	11.23
10-10-10	9.80	10.98	11.13
10-10-10	9.60	10.30	10.26
10-10-10	10.10	10.99	11.07
10-10-10	9.70	11.18	10.39
10-10-10	10.05	10.62	10.50
10-10-10	*8.46	11.06	10.83
10-10-10	9.55	20.64	19.38
10-20-20	9.05	19.69	21.65
10-20-20	9.28	20.01	19.78
10-20-20	9.92	20.29	20.25
10-20-20	*9.20	19.85	20.56
10-20-20	9.90	20.30	20.06
10-20-20	9.65	*18.40	22.86
10-20-20	10.00	20.55	20.37
10-20-20	9.90	20.06	20.24
10-20-20	10.20	20.03	19.72
10-20-20	*15.12	8.60	8.90
16-8-8	*14.95	9.26	9.33
16-8-8			49.59
#Sulphate of Potash 48%			
Cooperative G.L.F. Exchange, Inc., Soil Building Div. Ithaca, N. Y.			
Superphosphate 20%		20.48	
Super 0-15-30 w/Boron		16.02	*28.62
Super 0-15-30 w/Boron		16.34	*25.88
Super 0-20-20		19.50	20.60
Super 0-20-20		20.62	21.14



MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Cooperative G.L.F. Exchange, Inc. Soil Building Division - Continued			
Super 0-20-20		20.21	19.94
Super 0-20-20		20.21	19.35
Super 5-10-5	5.30	12.59	5.09
Super 5-10-5	4.85	9.98	5.90
Super 5-10-10	4.90	10.24	10.41
Super 5-10-10	5.60	9.87	9.92
Super 5-10-10	5.85	9.94	*7.78
Super 5-20-20	5.65	20.12	19.03
Super 8-16-16	*7.29	18.00	*14.29
Super 8-24-8	7.95	24.81	8.65
Super 8-24-8	*7.22	24.49	9.66
Super 8-24-8	7.90	24.24	8.30
Super 8-24-8	9.50	*20.22	9.48
Super 10-10-10	9.17	10.87	10.12
Super 10-10-10	9.40	10.13	10.68
Super 10-10-10	*9.24	10.25	11.01
Super 10-10-10	10.30	10.62	8.94
Super 10-10-10	*9.31	10.75	10.75
Ferti-Flow 10-20-20	*8.55	19.38	23.81
Ferti-Flow 10-20-20	10.25	20.12	18.73
Ferti-Flow 10-20-20	*8.01	18.85	22.73
Ferti-Flow 10-20-20	10.00	21.50	*18.05
Ferti-Flow 10-20-20	9.80	19.80	20.03
Ferti-Flow 12-12-12	11.54	12.38	12.26
Ferti-Flow 12-12-12	11.20	12.65	13.16
Ferti-Flow 12-12-12	11.60	12.03	12.08
Super 16-8-8	15.92	8.46	7.60
Cooperative G.L.F. Exchange, Inc., Soil Building Service Tunkhannock, Pa.			
Prescription Blend 23-11-11	23.45	12.03	11.80
Cumberland Valley Cooperative Association Shippensburg, Pa.			
Superphosphate 20%		20.30	
Superphosphate 20%		20.68	
0-20-20		20.92	20.13
5-10-10	5.90	11.97	9.79
5-10-10	*3.85	10.60	9.76
10-10-10	10.53	9.63	10.33
10-10-10	10.30	10.73	10.94
E. I. du Pont de Nemours & Company Wilmington, Del.			
Nu-Green Urea 45%	46.00		
Nu-Green Urea 45%	45.60		
Duval Sulphur & Potash Company c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.			
Muriate of Potash 0-0-60			60.52
Muriate of Potash 0-0-60			60.09
Eastern States Farmers' Exchange, Inc. West Springfield, Mass.			
Run-O-File Superphosphate 19%		20.64	
Superphosphate 20%		20.21	
Superphosphate 20%		20.58	
Superphosphate 20%		20.38	
0-15-30 w/Boron		16.00	31.54
0-15-30 w/Boron		14.79	31.94
0-15-30 w/Boron		16.69	31.19
0-15-30 w/Boron		15.05	31.37
0-15-30 w/Boron		16.52	31.20
0-15-30 w/B & 0.5% Dieldrin		15.26	32.59
0-15-30 w/B & 0.5% Dieldrin		16.11	30.98
0-15-30 w/B & Heptachlor		16.50	29.59
0-25-25		26.73	24.17
0-25-25		24.84	26.17
0-25-25		25.38	26.96
0-25-25		25.42	25.89
0-25-25		25.35	25.69
0-25-25		25.72	25.73
0-25-25		25.00	26.38
0-25-25		25.23	26.95

## MANUFACTURER AND BRAND

NITROGEN

PHOSPHORIC ACID  
total avail.

POTASH

Eastern States Farmers' Exchange, Inc. - Continued

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
0-25-25	2.33	27.88	24.83
Steamed Bone Meal 2.30-24	5.16		26.75
5-10-10	5.30	10.19	11.55
5-10-10	5.28	10.60	9.54
5-10-10	5.62	10.35	10.81
5-10-10	5.02	9.78	11.34
5-10-10	5.35	10.32	10.44
5-10-10	5.02	10.37	10.28
5-10-10	5.45	10.21	10.24
5-10-10	5.05	9.88	10.39
5-10-10	5.35	10.49	11.22
5-10-10	5.90	10.24	10.68
5-10-10	5.07	8.99	11.27
5-10-10	5.15	9.88	11.21
5-10-10	5.63	10.75	10.59
#5-20-20	5.20	20.38	*18.51
5-20-20	5.00	18.66	21.90
5-20-20	6.08	*17.87	20.88
6-18-18	6.22	17.64	18.34
6-18-18	6.04	18.22	18.62
6-18-18	6.45	18.26	17.12
6-18-18	6.10	17.71	18.12
6-18-18	6.05	18.10	18.48
6-18-18	7.69	18.10	19.71
8-16-16	7.90	15.86	17.44
8-16-16	7.88	16.51	17.28
8-16-16	8.30	16.46	16.80
8-16-16	8.12	15.94	17.87
8-16-16	8.07	15.75	15.30
8-16-16	7.90	17.18	15.76
8-16-16	7.90	15.96	18.14
8-16-16	7.90	16.33	16.80
8-16-16	7.95	16.65	17.12
8-16-16	7.85	16.37	17.81
8-16-16	7.60	15.74	16.95
8-16-16	8.10	16.78	16.55
8-16-16	8.05	16.25	16.72
8-16-16	7.77	15.68	17.91
8-16-16	8.05	18.90	15.41
8-16-16	8.02	17.32	15.63
8-16-16	7.50	15.72	17.58
8-16-16	7.85	15.68	17.53
8-16-16	8.58	24.27	8.83
8-24-8	8.50	24.35	8.34
8-24-8	8.05	24.28	9.51
8-24-8	7.90	23.61	10.20
8-24-8	8.15	25.74	7.61
8-24-8	8.45	24.56	8.60
8-24-8	10.05	5.17	5.36
Green Lawn 10-5-5	10.08	5.19	5.14
Green Lawn 10-5-5	9.45	5.65	5.51
Green Lawn 10-5-5	11.55	6.04	5.53
Green Lawn 10-5-5	10.30	5.63	6.15
Green Lawn 10-5-5	9.75	6.56	4.53
Lawn Special 10-6-4	9.77	10.74	11.29
10-10-10	10.20	10.27	10.06
10-10-10	10.31	10.62	11.29
10-10-10	9.78	11.42	10.38
10-10-10	10.19	10.75	10.53
10-10-10	9.75	11.17	11.93
10-10-10	9.91	10.40	10.97
10-10-10	9.75	10.44	10.86
10-10-10	10.05	11.26	10.82
10-10-10	10.02	10.14	10.90
10-10-10	9.80	10.64	10.71
10-10-10	10.00	10.76	10.74
10-10-10	10.01	10.78	10.67
10-10-10	9.31	11.53	10.97
10-10-10	10.00	10.31	11.12
10-10-10	10.10	10.83	10.43
10-10-10	9.80	20.57	10.18
Super 10-20-10	9.46	19.85	21.72
Super 10-20-10	9.70	19.92	12.79
Super 10-20-10	9.90	20.56	11.22
Super 10-20-10	10.05	20.62	11.14
Super 10-20-10	9.65	21.69	*18.78
Super 10-20-20	9.85	20.86	20.28
Super 10-20-20	9.50	20.53	21.08
Super 10-20-20	*9.35	20.38	20.20
Super 10-20-20	9.60	19.67	21.28
Super 10-20-20	10.20	20.21	19.92
Super 10-20-20	9.62	20.52	20.02

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Eastern States Farmers' Exchange, Inc. - Continued			
Super 10-20-20	9.49	19.94	21.13
Super 10-20-20	9.71	20.77	21.59
Super 15-10-10	14.58	10.85	11.34
Super 15-10-10	14.68	10.80	11.19
Super 15-10-10	15.55	9.61	8.99
Super 15-10-10	14.60	10.84	11.00
Super 15-10-10	14.73	10.80	10.28
Super 15-10-10	14.92	11.00	10.33
Super 15-10-10	15.05	10.48	10.17
Super 15-10-10	14.88	11.10	9.25
Super 15-10-10	15.15	10.76	10.13
Super 15-10-10	14.70	10.21	10.98
Super 15-10-10	15.00	11.04	10.66
Super 15-10-10	15.01	10.66	10.23
Super 15-10-10	14.75	10.29	11.44
Super 15-10-10	14.60	10.31	11.04
Corn and Grass 15-10-10	15.05	10.24	11.03
Super 15-15-15	*13.90	15.90	15.99
Super 15-15-15	14.80	14.91	16.14
Super 15-15-15	14.35	15.21	16.44
Super 15-15-15	14.22	16.09	14.83
Amos Eby & Company Paradise, Pa.			
0-20-20		19.53	21.99
0-20-20		19.88	19.48
3-12-6	3.37	12.32	6.58
Tobacco 4-8-12	3.95	8.16	12.55
5-10-10	5.11	9.92	10.33
5-10-10	5.20	9.95	10.07
10-10-10	10.01	9.63	10.65
Elanco Products Company Division of Eli Lilly & Company Indianapolis 6, Indiana			
Rose 7-8-5	7.60	9.54	6.32
8-24-8	9.70	25.46	9.91
8-24-8	9.40	24.88	9.47
Evergreen and Azalea 12-16-8	12.25	16.76	9.21
Lawn 20-10-5	19.75	10.39	5.46
Lawn 20-10-5	19.85	10.49	4.88
Erie Reduction Company Erie, Pa.			
0-20-20		24.03	*17.25
Groganic 5-5-0	4.80	5.15	
5-10-5	*4.10	11.40	6.31
10-10-10	*7.08	10.48	10.90
The Espoma Company Millville, N. J.			
Lawns and Flowers 3-2-1	4.10	4.24	2.78
Farmers Fertilizer Works Elizabethtown, Pa.			
0-20-0		20.90	
0-20-20		20.40	20.31
3-12-6	3.10	11.64	6.48
4-12-12	4.37	12.14	12.09
4-12-12	4.50	12.40	11.96
5-10-10	5.79	10.06	10.97
10-10-10	9.17	11.03	10.97
Federal Chemical Company Cranbury, N. J.			
Lawn Life 10-6-4	9.85	6.14	4.26
Feeney's Nursery Feasterville, Pa.			
Uniform 10-6-4	9.85	6.41	4.51
Lawn 20-10-5	20.35	11.85	6.46



MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
S. H. Goss, Inc. Lewistown, Pa.			
5-10-10	4.74	11.82	13.55
5-15-5	5.30	15.58	7.29
6-12-12	6.00	12.88	13.50
8-16-16	7.70	16.29	16.81
8-24-8	7.85	23.30	10.22
10-10-10	*9.07	11.86	11.71
10-20-20	9.60	22.78	*18.34
Goulard & Olena, Inc. Skillman, N. J.			
Lawn Food 10-6-4	9.60	6.48	4.82
W. R. Grace & Company, Davison Chemical Division Baltimore, Md.			
Superphosphate 20%		20.59	
Superphosphate 20%		21.02	
Superphosphate 20%		20.36	
Superphosphate 20%		20.76	
Superphosphate 20%		20.24	
Superphosphate 20%		21.04	
Superphosphate 20%		19.44	
Superphosphate 20%		21.44	
Superphosphate 20%		44.08	
#Triple Superphosphate 46%		44.83	
Triple Superphosphate 46%		47.14	
Triple Superphosphate 46%		21.56	*16.91
Granulated 3G 0-20-20		21.62	*18.67
Granulated 3G 0-20-20		25.32	*21.11
Granulated 3G 0-25-25		*23.75	24.97
Granulated 3G 0-25-25		12.63	6.13
Granulated 3G 3-12-6	3.30	11.78	11.30
#Granulated 3-12-12	3.50	10.53	5.53
Granulated 3G 5-10-5	5.00	11.09	5.96
Granulated 3G 5-10-5	5.00	9.72	10.23
Turf and Garden 5-10-5	5.45	10.32	9.58
Granulated 3G 5-10-10	5.22	11.33	10.44
Granulated 3G 5-10-10	5.04	10.22	10.37
Granulated 3G 5-10-10	5.00	10.21	10.49
Granulated 3G 5-10-10	5.45	10.56	10.26
Granulated 3G 5-10-10	6.05	10.25	10.71
Granulated 3G 5-10-10	5.55	9.64	11.27
Granulated 3G 5-10-10	5.02	11.02	11.31
Granulated 3G 5-10-10	5.15	12.27	9.66
Granulated 3G 5-10-10	5.35	12.33	*6.30
Granulated 3G 5-10-10	*3.03	10.20	10.76
Granulated 3G 5-10-10	5.02	11.29	10.88
#Semi-Granulated 5-10-10	5.25	15.31	15.93
Semi-Granulated 5-10-10	7.95	15.62	16.14
Granulated 3G 8-16-16	7.83	*23.04	9.17
Granulated 3G 8-16-16	7.55	9.92	9.52
Granulated 3G 8-24-8	9.75	10.24	9.48
Granulated 3G 10-10-10	9.46	10.04	*8.58
Granulated 3G 10-10-10	10.75	10.20	10.47
Granulated 3G 10-10-10	10.00	10.37	10.43
Granulated 3G 10-10-10	9.80	10.22	9.98
Granulated 3G 10-10-10	9.70	9.96	9.90
Granulated 3G 10-10-10	9.35	9.65	10.29
Granulated 3G 10-10-10	*9.42	11.60	12.68
Granulated 3G 12-12-12	12.01	12.75	12.53
Granulated 3G 12-12-12	11.55	12.23	11.85
Granulated 3G 12-12-12	*5.75		58.54
Muriate of Potash 0-0-60			58.32
Muriate of Potash 0-0-60			*57.78
Muriate of Potash 0-0-60			
W. R. Grace & Company, Nitrogen Products Division Memphis, Tennessee			
Urea Prills 46%	46.00		
Graham Division, The Summers Fertilizer Co., Inc. Somerset, Pa.			
0-20-20		20.21	19.86
3-12-6	3.29	11.50	6.74
3-12-6	4.05	11.80	7.76
4-12-12	4.60	*11.21	12.49
4-12-12 Sul-Po-Mag	4.08	12.03	12.20

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Graham Division The Summers Fertilizer Company, Inc. - Continued			
5-10-10	5.03	9.64	10.97
5-10-10	5.05	9.27	10.58
5-10-10 Sul-Po-Mag	4.70	9.83	9.83
8-16-16	*7.15	15.96	15.52
8-16-16	7.60	14.78	15.18
10-10-10	11.05	9.22	11.88
10-10-10	10.05	9.61	10.05
10-10-10 Sul-Po-Mag	9.80	10.13	10.01
Griffith & Boyd Company Baltimore, Md.			
Farmers Queen 5-10-10	4.80	10.13	10.82
Growers Chemical Corporation Milan, Ohio			
10-20-10	10.15	20.02	10.23
Hercules Powder Company Wilmington, Del.			
Nitroform 38-0-0	38.10		
Heritage House Products, Inc. Philadelphia, Pa.			
Three-in-One 10-6-4	11.64	6.96	5.57
Lawn 20-10-10	20.01	*8.48	10.07
A. H. Hoffman, Inc. Landisville, Pa.			
Cow Manure 2-1-1	2.40	1.62	1.66
#Tree and Broadleaf Evergreen 4-6-10	5.85	10.79	10.69
Rose Food 5-10-5	6.10	10.28	5.65
Garden 5-10-10	5.18	10.53	10.49
Independent Manufacturing Company Philadelphia, Pa.			
Consumer 2-16-16	3.77	16.68	15.89
Consumer 5-10-5	5.12	10.27	*13.60
Formal Garden 5-10-5	4.55	10.81	4.80
Consumer 5-10-10	4.32	10.79	9.79
Consumer 10-10-10	8.93	10.23	*9.30
Consumer 10-10-10	10.00	9.93	11.26
International Minerals & Chemical Corporation Skokie, Illinois			
Triple Superphosphate 46%		45.56	
#Mello Green 5-5-0	4.80	5.52	
#Fertilis for Lawns, Flowers, Shrubs & Trees 5-10-5	4.85	9.98	6.49
5-10-10	5.34	9.95	9.12
5-10-10	5.20	10.44	*7.63
Rainbow 5-10-10	5.35	10.17	12.58
Fertilis for Lawns, Flowers, Shrubs & Trees 10-6-4	9.85	6.99	5.24
10-10-10	9.70	10.29	10.38
10-10-10	9.70	9.62	11.27
Rainbow 10-10-10	10.11	9.94	11.08
Rainbow 10-20-20	9.60	20.80	*16.62
Rainbow 14-7-14	13.35	7.45	14.66
Rainbow 16-8-8	15.30	8.31	9.15
Muriate of Potash 0-0-60			60.80
International Minerals & Chemical Corporation c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.			
Triple Superphosphate 46%		46.46	
Jones & Laughlin Steel Corporation Pittsburgh, Pa.			
Ammonium Sulphate 21%	21.04		
Ammonium Sulphate 21%	20.82		

## MANUFACTURER AND BRAND

NITROGEN

PHOSPHORIC ACID  
total avail.

POTASH

Kapco Division, The Summers Fertilizer Co., Inc.  
Somerset, Pa.

Bone Meal 2-22	2.47	26.40	
Bone Meal 2-22	2.60	24.46	
Cow Manure 2-1-2	*1.08	0.81	*1.39
Kap-Oganic 5-5-0	5.05	6.82	
No Weed Turf 6-10-4 w/2,4D	6.55	9.34	5.04
Rose & Flower 6-12-6	6.02	11.55	5.99
Rose & Flower 6-12-6	6.20	11.79	5.69
Garden 7-7-7	7.10	6.74	7.05
Garden 7-7-7	*5.40	7.42	8.93
Evergreen 10-6-4	10.44	6.64	3.77
Evergreen 10-6-4	9.72	6.28	3.89
Plant-L-Izer 15-30-15	14.69	30.00	16.96
Plant-L-Izer 15-30-15	15.25	30.80	16.59
20-20-20	*17.50	21.38	23.26
#22-22-5	22.00	21.80	5.29
Azalea Acid 30-10-10	30.25	9.91	10.17

N. S. Koos & Son Company  
Kenosha, Wisconsin

Weed and Feed 20-10-5

\*17.30      \*9.13      5.05

Lancaster Bone Fertilizer Company, Inc.  
Quarryville, Pa.

0-20-20		*17.93	21.65
0-20-20		19.00	20.16
4-12-12	4.10	12.32	11.77
4-12-12	3.80	12.48	11.45
4-12-12	4.35	11.81	11.92
4-12-12	4.95	10.70	10.12
5-10-10	4.97	10.64	10.22
5-10-10	5.10	10.43	11.27
5-10-10	4.80	10.26	11.93
5-10-10	5.35	*17.64	10.97
5-20-10	4.80	20.02	9.84
Grain Special 5-20-10	4.80	21.72	9.23
Grain Special 5-20-10	9.60	10.89	11.24
10-10-10	9.55	10.83	11.25
10-10-10			

Lawn-Tex, Inc.  
Chicago, Illinois

Organi-Green 5-5-0

4.65      6.40

Lebanon Chemical Corporation  
Lebanon, Pa.

Truck Crop 5-10-5	5.20	9.76	5.74
5-10-10	4.90	10.22	*8.76
5-10-10	5.30	9.81	9.96
5-10-10	4.80	9.84	10.29
Liquid Spray Gro 5-10-10	6.00	10.75	*6.93
#Tobacco 5-10-10	4.91	21.37	9.58
5-20-10	6.09	18.41	6.30
Liquid Spray Gro 6-18-6	10.35	9.66	10.53
10-10-10	11.77	6.16	5.99
#Liquid Spray Gro 12-6-6	13.80	7.32	6.90
#Liquid Spray Gro 14-7-7	16.11	8.52	
#Liquid Spray Gro 16-8-0			

Lewis International Company  
Newark, N. J.

#Cow Manure 1-1-1

1.42      0.84      1.28

Locust Point Quarries, Inc.  
Mechanicsburg, Pa.

5-10-10	4.92	9.86	11.03
10-10-10	11.05	9.84	10.78
#10-20-20	*8.65	19.92	*18.44

Lofts Pedigreed Seed Company  
Bound Brook, N. J.

Turf 10-6-4	10.85	6.05	5.19
#Turf 20-10-5	*15.11	11.74	4.66



MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Fred E. Lord, Inc. Bloomsburg, Pa.			
4-12-12	4.01	13.10	11.88
5-10-10	6.05	9.93	10.54
8-16-16	7.45	15.13	17.73
8-16-16	9.95	*10.36	*20.39
10-10-10	9.39	11.17	10.91
10-20-10	9.76	19.51	12.20
10-20-20	9.78	18.52	19.64
Marsteller Grain, Inc. Trexlerstown, Pa.			
12-12-12	13.70	12.45	12.12
16-8-8	17.95	7.27	10.06
Measured Soil Foods, Inc. Biglerville, Pa.			
3-12-12	3.12	14.58	*9.10
5-10-10	6.55	11.25	*8.79
5-20-20	5.20	20.96	19.20
10-10-10	9.42	11.38	11.39
10-20-10 (Custom Mix)	10.40	18.20	10.23
15-10-10	14.42	11.54	9.93
20-10-10 (Custom Mix)	19.55	9.98	*8.33
20-20-10 (Custom Mix)	19.75	21.83	11.66
Millardsville Fertilizer Works Myerstown, Pa.			
5-10-10	5.18	9.95	10.28
5-10-10	6.10	9.66	10.62
6-12-12	6.60	11.42	12.26
10-10-10	9.52	12.61	10.23
10-10-10	11.60	8.64	10.36
Miller Chemical & Fertilizer Corporation Baltimore, Md.			
#0-20-20 w/Heptachlor		19.60	22.68
Rich Yield Tobacco 4-8-12		8.06	11.53
Rich Yield 4-12-12	4.07	12.76	11.93
Rich Yield 4-12-12	4.04	11.82	13.97
Rich Yield 5-10-10	4.05	10.16	10.65
Rich Yield 5-10-10	5.12	9.84	10.54
Rich Yield 5-10-10	5.01	10.03	10.97
Rich Yield 5-10-10	5.37	10.74	9.34
Rich Yield 5-10-10	5.05	9.63	10.78
Rich Yield 5-10-10	5.25	9.70	9.74
Rich Yield 5-10-10	5.10	16.74	17.28
Rich Yield 8-16-16	7.68	19.12	*13.08
Rich Yield 8-16-16	7.40	16.94	16.20
Rich Yield 8-16-16	7.60	*14.16	20.15
Rich Yield 8-16-16	7.73	16.87	14.76
Corn Starter 8-18-15	8.15	7.20	6.18
Rich Yield 10-6-4	*8.70	10.62	10.22
Rich Yield 10-10-10	9.56	10.29	9.79
Rich Yield 10-10-10	10.65	10.61	9.98
Rich Yield 10-10-10	10.00	*14.23	*13.45
Rich Yield 10-20-20	*7.05	11.98	*7.04
Rich Yield 15-10-10	14.62	10.26	5.32
Turf Food 20-10-5	*18.00	10.29	11.16
20-10-10 (Custom Mix)	*18.35		
The Natural Development Company Bainbridge, Pa.			
Blue Label 1-1-1	1.29	1.72	1.45
Gold Label 2-1-2	1.50	0.88	2.30
Nitrell 3-1-3	5.45	0.95	4.36
Super Fertrell 3-2-3	3.00	1.92	3.45
Nitrogen Division, Allied Chemical Corp. Hopewell, Va.			
A-N-L 20.5%	20.30		
Uran 30%	29.49		
Ammonium Nitrate 33.5%	33.60		
Urea 45%	45.16		
Urea 45%	44.86		

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Olin Mathieson Chemical Corporation Little Rock, Ark.			
4-12-12	4.43	12.09	12.36
5-10-10	5.12	10.16	9.79
5-10-10	5.15	10.18	9.52
5-10-10	6.20	23.92	24.52
Ammo-Phos 6-24-24 w/Potash	6.10	24.52	24.34
Ammo-Phos 6-24-24 w/Potash	8.20	16.55	16.91
8-16-16	8.15	32.24	16.76
Ammo-Phos 8-32-16 w/Potash	10.15	20.56	20.15
Ammo-Phos 10-20-20 w/Potash	11.35	48.13	
Ammo-Phos 11-48-0	12.07	23.60	12.99
Ammo-Phos 12-24-12 w/Potash	12.90	13.67	13.59
Ammo-Phos 13-13-13 w/Potash	44.90		
Urea 45%			
Organic Compost Corporation of Pennsylvania Oxford, Pa.			
Cow Manure .5-.5-.5	1.00	0.71	1.59
Sheep Manure .5-.5-.5	1.15	1.17	1.95
Fertie Cow Manure 1-1-1	1.02	0.72	1.20
Fertie Sheep Manure 1-1-1	1.20	1.12	1.85
Organic Plant Food Company Lancaster, Pa.			
0-14-14		13.59	15.43
3-12-12	4.10	11.59	13.46
5-10-10	6.23	9.95	11.08
5-10-10	5.85	11.53	10.88
5-10-10	5.20	15.23	5.64
5-15-5	*8.57	13.10	*8.84
10-10-10			
Orner's Road Stand & Nursery Havertown, Pa.			
Lawn 10-6-4	10.55	6.19	4.52
Premium 10-6-4 60% Organic	10.70	6.18	4.41
Turf Food 20-10-10	19.70	9.67	10.99
Pancoast Gardens Broomall, Pa.			
Lawn 10-6-4	10.06	6.72	4.58
Turf 20-10-10	*18.47	9.74	10.95
Penn-Ohio Fertilizer, Inc. Mercer, Pa.			
0-20-20		*15.41	26.56
5-10-10	4.40	10.20	16.64
8-16-16	*7.12	17.80	15.92
10-10-10	9.52	10.23	12.41
12-12-12	13.05	*10.01	*10.02
Pennsylvania Dutch Fertilizer Company Lebanon, Pa.			
#Economizer 5-10-5	5.50	10.32	5.21
Pennsylvania Farm Bureau Cooperative Assn. Harrisburg, Pa.			
Triple Superphosphate 46%		45.12	
Triple Superphosphate 46%		45.97	
Triple Superphosphate 46%		45.66	
14-28-14 (Custom Mix)	15.85	33.43	*12.93
15-8-7 (Custom Mix)	14.35	11.11	9.71
17-17-17 (Custom Mix)	19.55	22.10	17.01
21-53-0	20.84	54.16	
Muriate of Potash 0-0-60			60.51
Robert B. Peters Company, Inc. Allentown, Pa.			
#Plant Starter 9-45-15	8.85	45.72	16.45
Geranium Special 15-15-15	16.39	16.16	17.65
15-30-15	15.95	32.16	16.28
#General Purpose 18-18-18	18.90	19.80	19.89
20-5-30	19.25	5.09	31.48

MANUFACTURER AND BRAND		NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Robert B. Peters Company, Inc. - Continued				
Azalea Acid 21-7-7		22.05	9.10	8.85
25-0-25		26.00		26.06
Maryland Special 25-10-10		28.88	11.21	11.98
Potash Company of America c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.				
Muriate of Potash 0-0-60				60.78
Muriate of Potash 0-0-60				60.34
Muriate of Potash 0-0-60				60.24
Muriate of Potash 0-0-60				61.02
Muriate of Potash 0-0-60				59.94
Muriate of Potash 0-0-60				59.81
Reading Bone Fertilizer Company Reading, Pa.				
Superphosphate 20%			20.69	
Superphosphate 20%			20.62	
0-20-20			20.95	20.14
#Bone Meal 4-20	5.32	19.92		
#All Organic 5-4-0	4.73		7.15	
5-10-5	4.65		9.16	6.00
5-10-5	5.40		9.62	5.78
5-10-10	5.37		10.01	10.53
5-20-10	5.35		*19.32	10.58
6-10-4 50% Organic	5.66		9.77	5.09
Turf Weed and Feed 6-10-4 50% Organic	7.55		12.99	6.09
Turf Weed and Feed 6-10-4 50% Organic	6.45		11.72	6.31
8-24-8	7.70		23.45	7.93
Blue Chip Turf 10-5-5	10.45		5.35	6.47
Blue Chip Turf 10-5-5	11.95		*3.89	5.43
10-6-4 40% Organic	9.50		5.65	4.72
10-6-4 40% Organic	*9.16		5.90	5.41
#10-6-4 50% Organic	9.65		5.83	5.04
Fish Pond 10-10-5	9.45		10.08	10.08
10-10-10	9.55		9.97	11.04
Robert A. Reichard, Inc. Allentown, Pa.				
Liquid 0-10-10			10.78	10.63
#Hi-Available Liquid 3-6-12	4.01		6.12	13.01
All Organic 5-4-0	4.80		4.04	
5-10-5	5.05		10.61	6.29
Animal Base 5-10-10	5.43		11.12	10.76
Animal Base 5-10-10	5.65		10.56	10.44
Hi-Available Liquid 5-10-10	4.81		10.54	9.58
Hi-Available Liquid 5-10-10	4.80		10.39	10.22
Hi-Available Liquid 5-10-10	5.47		10.46	10.01
Hi-Available Liquid 5-10-10	5.21		10.39	10.41
Famous 6-12-12	6.40		11.74	13.05
Hi-Available Liquid 9-9-9	9.11		8.40	12.36
Hi-Available Liquid 9-9-9	9.00		9.25	9.03
Hi-Available Liquid 9-9-9	9.08		9.24	9.38
Hi-Ni Lawn Feed-R 10-6-4	10.25		6.62	4.89
Famous 10-10-10	10.30		10.46	9.50
Famous 10-10-10	10.35		10.91	10.73
Famous 10-20-20	*8.70		23.45	*16.37
Famous 10-20-20	*8.85		20.84	19.21
Famous 10-20-20	9.70		21.31	*18.48
Hi-Available Liquid 14-7-7	13.72		7.36	6.83
Hi-Available Liquid 14-7-7	13.92		7.38	7.30
Hi-Available Liquid 16-4-4	15.60		4.44	4.36
Hi-Available Liquid 20-5-0	19.47		5.28	
Five Way Lawn Build-R 20-10-5	*16.83		11.99	5.84
F. S. Royster Guano Company Baltimore, Md.				
Vim 0-20-0			20.14	
Vim 0-20-0			21.18	
Vim 0-20-0			21.50	
Vim 0-20-0			20.98	
Vim 0-20-0			20.58	
Vim 0-20-20			19.96	20.31
Vim 0-20-20			20.40	20.46
Vim 0-20-20 w/Dieldrin			21.18	19.98
Vim 3-12-6	2.80		12.15	6.64
Vim 3-12-6	3.65		13.07	7.19
Vim 3-12-6	3.55		12.88	7.29

## MANUFACTURER AND BRAND

## NITROGEN

PHOSPHORIC ACID  
total avail.

## POTASH

## F. S. Royster Guano Company - Continued

Vim 3-12-6	2.85	12.69	6.57
Vim 3-12-12	2.90	13.61	12.65
Vim 5-10-5	5.50	10.28	5.14
Vim 5-10-5	5.25	9.94	5.17
Vim 5-10-5	5.00	10.36	8.12
Vim for Lawns and Gardens 5-10-5	5.02	11.10	5.65
Vim for Lawns and Gardens 5-10-5	4.95	10.41	9.91
Bonanza 5-10-10	5.10	10.51	9.99
Bonanza 5-10-10	4.85	9.71	9.99
Bonanza 5-10-10	4.87	10.47	10.01
Vim 5-10-10	5.01	10.12	10.17
Vim 5-10-10	5.05	10.55	10.48
Vim 5-10-10	5.15	10.04	10.15
Vim 5-10-10	5.65	10.03	10.01
Vim 5-10-10	5.30	10.32	9.79
Vim 5-10-10	5.20	10.03	10.12
Vim 5-10-10	5.05	10.03	10.22
Vim 5-10-10	5.15	10.80	10.13
Vim 5-10-10	5.04	10.58	9.87
Vim 5-10-10	5.05	10.15	10.02
Vim 5-10-10	5.95	24.63	12.55
Arrow 6-24-12	7.85	15.30	15.42
Vim 8-16-16	7.69	15.54	15.37
Vim 8-16-16	7.80	15.62	15.81
Vim 8-16-16	7.80	24.48	8.19
Arrow 8-24-8	9.83	9.91	10.34
Bonanza 10-10-10	9.63	10.19	10.01
Bonanza 10-10-10	9.51	10.40	9.63
Vim 10-10-10	9.60	10.34	10.15
Vim 10-10-10	9.70	10.24	10.23
Vim 10-10-10	9.90	10.14	9.83
Vim 10-10-10	*9.14	10.67	10.08
Vim 10-10-10	9.70	10.36	9.76
Vim 10-10-10	9.55	20.67	20.38
Arrow 10-20-20	9.35	21.26	19.51
Arrow 10-20-20	15.30	8.38	8.69
Arrow 16-8-8			

O. M. Scott & Sons Company  
Marysville, Ohio

Turf Builder 20-10-5

19.69 9.77 5.24

Sears, Roebuck & Company  
Chicago, Illinois

Rose Food 5-10-5  
 #Green Carpet Lawn Food 20-10-5  
 #Superfine Lawn Food 25-10-5

6.35 9.87 6.02  
 19.87 12.13 5.54  
 25.05 11.00 5.72

Geo. V. Seiple & Son  
Easton, Pa.

5-20-10  
 5-20-20  
 5-20-20  
 10-10-10  
 10-20-20

4.49 20.39 9.42  
 4.25 20.00 \*15.52  
 5.70 21.01 19.05  
 10.05 11.24 9.83  
 10.07 21.31 21.00

Shenango, Incorporated  
Neville Island, Pa.

Ammonium Sulfate 21%

20.90

Smith-Douglass Company, Inc.  
Norfolk, Va.

Nutro Supreme Lawn Food 15-5-5

14.46 5.05 5.59

Spencer Chemical Company  
Kansas City, Mo.

Ammonium Nitrate Phosphate 30-10-10  
 Ammonium Nitrate 33.5%  
 Ammonium Nitrate 33.5%

30.05 10.18  
 33.70  
 33.56

Styer's Nurseries  
Concordville, Pa.

#Evergreen 50% Organic 8-8-8  
 #Lawn and Garden 50% Organic 8-8-8  
 #Rose Food 50% Organic 8-8-8  
 #Lawn Food and Weed Killer 15-5-5 w/2,4D  
 Lawn Food 20-10-5

7.65 7.95 10.50  
 8.75 8.05 9.09  
 9.75 7.77 8.31  
 \*13.70 5.36 4.67  
 19.80 11.30 4.98



MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Summers Fertilizer Company, Inc. Baltimore, Md.			
Superphosphate 20%		20.62	
3-12-6	3.21	13.88	7.23
Tobacco 4-8-12	3.95	8.64	12.72
#Best on Earth 5-15-15	*3.04	16.88	17.50
Swift & Company, Agricultural Chemical Division Baltimore, Md.			
Red Steer 0-15-30		14.56	29.67
#Red Steer 3-12-12	3.85	12.46	13.00
Red Steer 5-10-10	5.22	10.91	10.33
Red Steer 5-10-10	5.25	10.74	10.26
For Grain 5-20-15	5.06	19.90	15.25
Red Steer 5-20-20	4.64	18.90	21.56
Red Steer 6-24-12	6.24	*22.28	16.11
Brimm 7-14-14	6.30	14.58	13.46
Red Steer 8-16-16	8.22	14.98	15.62
Red Steer 10-10-10	9.88	10.85	10.38
Red Steer 10-10-10	9.65	10.38	10.84
#Red Steer 10-20-20	9.55	18.96	19.26
Red Steer 12-12-12	11.60	11.70	12.31
Red Steer 16-8-8	15.20	9.89	8.60
Red Steer 16-8-8	15.65	9.89	*4.83
Tennessee Valley Authority c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.			
High Analysis Phosphate 60%		59.48	
Thompson Sales Company, Inc. Montgomery, Alabama			
Calphos 0-2-0		8.60	
R. Thorpe & Sons Newtown, Pa.			
0-15-15		15.65	17.44
0-15-15		15.72	14.55
4-12-12	3.82	12.42	13.16
4-12-12	4.15	12.24	13.81
16-8-8	16.10	8.37	7.87
Two Guys from Harrison Garfield, N. J.			
#Queen Turf 100% Organic 10-0-0	10.30		
Queen Turf 60% Organic Nitrogen 10-6-4	9.09	6.41	4.04
U. S. Borax & Potash Company c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.			
Muriate of Potash 0-0-60			60.04
Muriate of Potash 0-0-60			59.92
United States Steel Corporation Pittsburgh, Pa.			
Ammonium Sulphate 21%	20.88		
Ammonium Sulphate 21%	21.00		
Ammonium Sulphate 21%	20.88		
Ammonium Sulphate 21%	20.84		
Ammonium Sulphate 21%	20.82		
Ammonium Sulphate 21%	20.92		
Valu-Gro Corporation Princeton, N. J.			
#Garden Build 5-10-5	5.60	9.82	5.60
#Union 5-10-5	5.10	9.87	4.67
Virginia-Carolina Chemical Company Baltimore, Md.			
Superphosphate 20%		19.45	
Superphosphate 20%		20.31	
0-14-14		*12.83	16.32
0-20-20		20.47	19.45
0-20-20		19.50	20.98

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total avail.	POTASH
Virginia-Carolina Chemical Corp. - Continued			
4-12-12	5.25	12.07	11.85
#4-16-4	4.10	17.05	8.45
5-10-5	4.72	10.09	5.78
5-10-5	4.68	9.79	5.09
5-10-5	5.35	9.90	5.96
5-10-5	5.20	9.86	6.18
Vigilante 5-10-5	4.83	10.23	10.66
5-10-10	4.85	8.76	10.17
5-10-10	4.68	10.60	*9.25
5-10-10	5.75	9.92	9.94
5-10-10	5.30	*9.20	11.15
#5-20-20	4.70	*18.36	22.92
8-16-16	7.61	16.15	17.93
8-16-16	7.61	15.73	15.60
8-16-16	7.35	16.11	15.93
Turf & Tree 10-6-4 50% Organic	9.43	5.90	4.68
#Turf & Tree 10-6-4 50% Organic	9.54	6.61	5.04
Turf & Tree 10-6-4 50% Organic	12.08	6.32	4.29
Turf & Tree 10-6-4 50% Organic	9.70	7.20	4.58
10-10-10	10.11	13.47	9.47
10-10-10	9.30	10.84	10.29
10-10-10	12.40	*8.94	10.19
12-36-5 (Custom Mix)	12.65	35.62	6.08
16-8-8	*14.90	10.94	10.27
Vornado, Inc. Garfield, N. J.			
#Queen Turf Sheep Manure .5-.5-.5	1.15	1.01	1.85
Walker-Gordon Laboratory Company Plainsboro, N. J.			
Bovung 2-1-2	2.19	1.36	2.97
Bovung 2-1-2	2.06	1.14	2.09
Webb's Super Gro Products, Inc. Flemington, Pa.			
Super Gro 2-2-1	2.35	3.68	3.00
Dehydrated Compost 2-3-1	*1.25	*2.02	*0.60
Super Gro 4-2-4	4.68	3.90	5.14
Super Gro 4-2-8	4.43	3.68	8.85
Super Gro 4-2-8	4.99	2.82	8.58
Super Gro 4-8-8	4.64	11.20	7.12
Plant Food and Soil Builder 5-10-10	5.60	9.91	9.29
Plant Food and Soil Builder 8-24-8	7.74	28.03	*4.82
Plant Food and Soil Builder 8-24-8	7.70	25.88	7.81
Plant Food and Soil Builder 10-10-10	10.59	12.31	9.60
Plant Food and Soil Builder 10-20-10	10.30	22.91	9.70
York Stone & Supply Company York, Pa.			
3-12-6	3.44	11.55	8.22
3-12-6	3.55	12.76	8.00
5-10-5	6.20	10.43	7.57
5-10-10	5.22	10.31	11.40
5-10-10	5.30	12.87	9.37
8-16-16	8.01	*14.84	16.06
10-10-10	10.32	*8.92	10.51
10-10-10	10.12	9.68	11.84
10-20-20	9.70	*14.98	21.71

## AGRICULTURAL LIMING MATERIALS ANALYSES

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F - Found to be present.

G - Guaranteed to be present.

\* - Deficient.

# - Not registered when sampled.

LIMING MATERIALS

MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
Adams Agstone, Inc. R. D. 5, Hanover, Pa.				
Ag-Lime	37.92	36.00	*13.34	16.50
Ag-Lime	34.91	36.00	15.90	16.50
Commercial Limestone	35.72	33.40	12.57	12.00
Commercial Limestone	33.56	33.40	15.56	12.00
Agricultural Lime Company R. D. 1, Derry, Pa.				
Burned Lime	52.06	44.69	6.00	6.54
Pulverized Limestone	36.65	36.56	7.99	7.36
Appalachian Stone Division Martin-Marietta Corporation Mercersburg, Pa.				
Greenbrier Pulverized Limestone	48.00	48.00	3.55	3.00
Pinesburg's Pulverized Limestone	43.36	45.00	4.62	6.00
Pinesburg's Pulverized Limestone	44.91	45.00	6.72	6.00
Pinesburg's Pulverized Limestone	*41.90	45.00	*4.27	6.00
Pinesburg's Pulverized Limestone	*42.68	45.00	7.00	6.00
Pinesburg's Pulverized Limestone	45.72	45.00	6.08	6.00
Pinesburg's Pulverized Limestone	45.14	45.00	5.08	6.00
Williamson's Pulverized Limestone	46.60	45.00	5.70	6.00
The Baker Stone Company Bloomsburg, Pa.				
Burned Lime	80.87	80.00	1.23	1.00
Hydrated Lime	61.78	65.44	1.40	1.51
The J. E. Baker Company York, Pa.				
Hy-Mag #20 Dolomite Limestone	30.94	30.00	19.80	20.00
Hy-Mag #20 Dolomite Limestone	31.53	30.00	20.68	20.00
S. W. Barrick & Sons, Inc. Woodsboro, Md.				
Hydrated Lime	*62.92	65.00	4.71	5.00
Hydrated Lime	64.83	65.00	4.85	5.00
Hydrated Lime	64.36	65.00	5.58	5.00
Basic Dolomite Agricultural Division of Basic, Inc. Cleveland, Ohio				
Limestone	31.55	30.00	21.99	21.00
Limestone	30.22	30.00	21.55	21.00
Limestone	30.10	30.00	21.25	21.00
Belmont Limestone Company R. D. 1, Paradise, Pa.				
Limestone	28.68	30.00	19.41	20.00
Limestone	28.83	30.00	19.53	20.00
Bethlehem Limestone Company Bethlehem, Pa.				
Bridgeport Limestone	27.29	25.70	19.34	17.50
David M. Burkholder, Inc. R. D. 3, Ephrata, Pa.				
Limestone	37.65	36.00	14.41	14.00
Limestone	37.06	36.00	14.45	14.00
Calcite Quarry Corporation R. D. 1, Lebanon, Pa.				
Calcite Agricultural Limestone	52.68	52.50	1.07	1.00
Calcite Agricultural Limestone	52.26	52.50	1.63	1.00
Dolomite Agricultural Limestone	41.56	40.50	10.86	11.00
Calcium Stone Corporation Burnham, Pa.				
Limestone	50.66	51.85	1.43	1.43
Limestone	51.98	51.85	1.43	1.43



MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
Carbon Limestone Company Lowellville, Ohio				
Ground Limestone	50.10	51.29	0.64	0.47
Pulverized Limestone	50.54	51.29	0.58	0.47
G. & W. H. Corson Plymouth Meeting, Pa.				
Agricultural Limestone Carbonates	29.98	28.00	19.92	20.00
Agricultural Limestone Carbonates	29.80	28.00	19.56	20.00
Agricultural Limestone Carbonates	30.18	28.00	20.49	20.00
Agricultural Limestone Carbonates	28.42	28.00	19.23	20.00
Agricultural Limestone Carbonates	27.89	28.00	19.06	20.00
Dolomitic Pulverized Limestone	30.15	29.00	20.50	21.00
Dolomitic Pulverized Limestone	30.20	29.00	20.64	21.00
Dolomitic Pulverized Limestone	30.10	29.00	20.61	21.00
Dolomitic Pulverized Limestone	30.49	29.00	20.97	21.00
Dolomitic Pulverized Limestone	29.43	29.00	20.60	21.00
Dolomitic Pulverized Limestone	28.53	29.00	20.06	21.00
High Magnesium Hydrated Lime	47.18	45.00	28.61	30.00
High Magnesium Hydrated Lime	46.06	45.00	29.61	30.00
High Magnesium Hydrated Lime	46.98	45.00	29.88	30.00
Hydrated Lime for House and Garden	41.34	41.00	27.30	29.50
Hydrated Lime for House and Garden	41.34	41.00	27.74	29.50
Prepared Lime for House and Garden	42.97	41.00	29.61	29.50
Irvin A. Dively Claysburg, Pa.				
Burned Lime	66.94	65.00	1.74	1.20
Burned Lime	70.84	65.00	*0.34	1.20
D. & S. Lime Company R. D. 1, Baxter, Pa.				
Ground Limestone	50.43	50.00	0.54	0.45
Ehrenzeller Lime Company R. D. 1, McVeytown, Pa.				
Burned Lime	83.38	80.00	1.67	0.73
Burned Lime	81.42	80.00	1.16	0.73
Evans-Roberts, Inc. Norristown, Pa.				
Pulverized Agricultural Limestone	29.32	29.39	20.28	19.76
Pulverized Agricultural Limestone	29.32	29.39	19.54	19.76
Pulverized Agricultural Limestone	29.09	29.39	20.06	19.76
Faylor Lime & Stone Company Winfield, Pa.				
Pulverized Limestone	48.52	46.50	1.54	2.50
Pulverized Limestone	45.02	46.50	2.25	2.50
Pulverized Limestone	46.32	46.50	*1.04	2.50
Flintkote Company M. J. Grove Lime Division Lime Kiln, Md.				
Hydrated Lime	71.44	72.00	0.94	0.50
Hydrated Lime	70.43	72.00	0.94	0.50
Hydrated Lime	71.94	72.00	0.74	0.50
Hydrated Lime	72.80	72.00	0.87	0.50
Hydrated Lime	70.08	72.00	0.99	0.50
Hydrated Lime	71.70	72.00	0.90	0.50
Fulkroad Lime Quarry McAlisterville, Pa.				
Burned Lime	*66.38	70.00	*1.56	3.00
Burned Lime	*65.54	70.00	3.05	3.00
Burned Lime	*65.86	70.00	*1.22	3.00
The Gibsonburg Lime Products Company Gibsonburg, Ohio				
Hydrated Finish Household Lime	47.18	46.20	31.76	31.50
Grove City Limestone Company Branchton, Pa.				
Limestone	50.83	50.00	0.54	0.00

MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
A. H. Hoffman, Inc. Landisville, Pa.				
Hydrated Lime	60.20	60.00	1.25	1.00
Hydrated Lime	69.38	60.00	0.84	1.00
Honey Creek Lime R. D., Reedsville, Pa.				
Ground Burnt Lime	*73.13	75.00	*2.75	5.00
Ground Burnt Lime	*63.16	75.00	5.32	5.00
Hy-Grade Hydrated Lime	67.50	67.00	2.82	3.00
Hy-Grade Hydrated Lime	67.46	67.00	2.62	3.00
Hy-Grade Hydrated Lime	67.46	67.00	2.49	3.00
Jones & Laughlin Steel Corporation Blair Limestone Division Martinsburg, W. Va.				
Hydrated Lime	69.76	68.00	1.30	2.00
Keystone Lime Company Springs, Pa.				
Limestone	50.88	50.00	0.87	0.50
Limestone	*48.00	50.00	0.74	0.50
David B. Knisely R. D. 1, Claysburg, Pa.				
Burned Lime	74.12	70.00	6.80	1.80
Burned Lime	71.08	70.00	5.32	1.80
Landis Stone Meal Company Rheems, Pa.				
Ground Limestone	*43.80	48.00	4.69	3.00
Ground Limestone	47.85	48.00	3.48	3.00
Ground Limestone	45.48	48.00	3.91	3.00
Ground Limestone	42.00	48.00	3.55	3.00
LeGore Lime Company LeGore, Md.				
Hydrated Lime	60.12	62.00	7.30	8.00
Hydrated Lime	*57.36	62.00	12.02	8.00
Limestone Products Corporation of America Newton, N. J.				
Garden Calcite Limestone	47.36	42.00	3.01	2.00
Garden Calcite Limestone	45.06	42.00	4.84	2.00
Hydrated Lime	68.97	66.00	*1.78	3.00
Hydrated Lime	67.70	66.00	3.98	3.00
Hydrated Lime	67.72	66.00	2.82	3.00
Hydrated Lime	70.92	66.00	1.86	3.00
Hydrated Lime	67.31	66.00	3.51	3.00
Hydrated Lime	69.53	66.00	2.68	3.00
Hydrated Lime	68.27	66.00	2.82	3.00
Hydrated Lime	64.06	66.00	4.10	3.00
Pulverized Limestone	46.41	42.00	3.48	2.00
Pulverized Limestone	43.92	42.00	7.10	2.00
Locust Point Quarries, Inc. Mechanicsburg, Pa.				
Limestone	45.58	45.00	2.14	2.00
Limestone	*43.10	45.00	4.26	2.00
Lycoming Silica Sand Company (Milton Quarry) Montoursville, Pa.				
Limestone	49.42	40.00	1.33	3.00
Lycoming Silica Sand Company (Pine Creek Quarry) Montoursville, Pa.				
Pulverized Limestone	39.30	40.00	5.90	3.00
Pulverized Limestone	*42.58	47.00	5.00	3.00
Pulverized Limestone	*42.50	47.00	5.56	3.00
Pulverized Limestone	*41.12	47.00	5.07	3.00
Ivan M. Martin, Inc. Blue Ball, Pa.				
Compass Limestone	*28.34	30.00	19.40	20.00
Compass Limestone	29.50	30.00	20.49	20.00

MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
Ivan M. Martin, Inc. - Continued				
Limestone	*37.52	43.00	7.05	5.50
Limestone	*37.86	43.00	6.23	5.50
Limestone	41.22	43.00	5.76	5.50
Limestone	43.80	43.00	7.55	5.50
Mechtly's Lime Works Williamsport, Pa.				
Pulverized Limestone	52.14	54.00	0.52	0.43
Meckley's Limestone Products R. D. 1, Herndon, Pa.				
Limestone	40.10	41.50	6.16	6.25
Mercer Lime & Stone Company Branchton, Pa.				
High Calcium Target Hydrated Lime	72.73	73.00	0.87	0.80
Hydrated Tailings	61.10	63.00	2.06	0.80
Target Agricultural Hydrated Lime	71.94	70.00	1.01	0.80
Target Agricultural Hydrated Lime	70.72	70.00	1.59	0.80
H. E. Millard Lime & Stone Company Annville, Pa.				
Air Floated Pulverized Limestone	53.69	53.50	0.59	0.50
Air Floated Pulverized Limestone	54.14	53.50	0.56	0.50
Air Floated Pulverized Limestone	52.32	53.50	0.58	0.50
Air Floated Pulverized Limestone	55.04	53.50	0.72	0.50
Air Floated Pulverized Limestone	54.59	53.50	0.58	0.50
Air Floated Pulverized Limestone	54.90	53.50	0.39	0.50
Burnt Pulverized Lime	92.06	92.00	1.01	1.20
Ground Burnt Lime	89.96	85.00	0.86	1.00
Modern Hydrated Lime	71.50	71.00	0.91	1.00
Modern Hydrated Lime	71.62	71.00	0.91	1.00
Modern Hydrated Lime	71.88	71.00	0.96	1.00
Modern Hydrated Lime	71.26	71.00	1.06	1.00
Modern Hydrated Lime	72.86	71.00	0.75	1.00
Modern Hydrated Lime	72.56	71.00	0.80	1.00
Sweet Arrow Hydrated Lime	70.24	70.00	1.13	1.00
Sweet Arrow Hydrated Lime	69.44	70.00	1.00	1.00
Sweet Arrow Hydrated Lime	70.72	70.00	0.98	1.00
Sweet Arrow Hydrated Lime	71.89	70.00	0.87	1.00
Sweet Arrow Hydrated Lime	71.94	70.00	0.91	1.00
Sweet Arrow Hydrated Lime	70.70	70.00	0.98	1.00
Sweet Arrow Hydrated Lime	71.78	70.00	1.13	1.00
Sweet Arrow Hydrated Lime	71.89	70.00	0.90	1.00
Sweet Arrow Hydrated Lime	70.96	70.00	1.36	1.00
Sweet Arrow Hydrated Lime	72.86	70.00	1.09	1.00
Sweet Arrow Hydrated Lime	70.96	70.00	0.80	1.00
Sweet Arrow Hydrated Lime	71.70	70.00	0.90	1.00
Narehood Brothers, Inc. Tyrone, Pa.				
Pulverized Limestone	49.38	50.00	1.96	0.60
Pulverized Limestone	49.58	50.00	3.42	0.60
National Gypsum Company Buffalo, N. Y.				
	Calcium	Sulphate		
#Agricultural Gypsum (Land Plaster)	68.43	70.00		
Agricultural Limestone	53.74	54.00	0.64	0.50
Agricultural Limestone	53.69	54.00	0.58	0.50
Agricultural Limestone	53.85	54.00	0.68	0.50
Agricultural Limestone	54.16	54.00	0.54	0.50
Agricultural Limestone	54.16	54.00	0.48	0.50
General Purpose Hydrated Lime	71.80	72.00	0.72	0.50
Hydrated Lime for Agricultural Use	72.45	72.00	0.80	0.50
Hydrated Lime for Agricultural Use	72.43	72.00	0.80	0.50
Hydrated Lime for Agricultural Use	72.48	72.00	0.80	0.50
Hydrated Lime for Agricultural Use	72.45	72.00	0.80	0.50
Hydrated Lime for Agricultural Use	72.29	72.00	0.83	0.50
Hydrated Lime for Agricultural Use	71.06	72.00	0.87	0.50
Hydrated Lime for Agricultural Use	72.56	72.00	0.90	0.50
Hydrated Lime for Agricultural Use	73.01	72.00	0.83	0.50
Hydrated Lime for Agricultural Use	72.56	72.00	1.01	0.50
Hydrated Lime for Agricultural Use	72.22	72.00	0.69	0.50
Hydrated Lime for Agricultural Use	71.80	72.00	0.72	0.50
#Hydrated Lime (Burned) for Agricultural Use	72.79	71.50	0.81	1.00

MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
National Gypsum Company - Continued				
#Hydrated Lime (Burned) for Agricultural Use	71.26	71.50	0.81	1.00
Hydrated Lime for Spraying and Dusting	71.22	72.00	0.85	0.50
Hydrated Lime for Spraying and Dusting	70.20	72.00	0.90	0.50
Hydrated Lime for Spraying and Dusting	70.24	72.00	0.96	0.50
Hydrated Lime for Spraying and Dusting	72.67	72.00	0.97	0.50
Hydrated Lime for Spraying and Dusting	73.26	72.00	0.64	0.50
Hydrated Tailings	48.20	50.00	1.99	0.50
Hydrated Tailings	69.79	50.00	1.33	0.50
Pulverized Agricultural Limestone	*51.74	54.00	0.43	0.50
Pulverized Limestone	51.78	52.00	3.08	2.00
Pulverized Limestone	53.02	52.00	3.31	2.00
Pulverized Limestone	53.98	52.00	1.57	2.00
Pulverized Limestone	49.00	52.00	5.03	2.00
Pulverized Limestone	*48.56	52.00	5.53	2.00
Pulverized Limestone	51.44	52.00	3.84	2.00
Pulverized Limestone	51.80	52.00	2.82	2.00
Pulverized Limestone	57.92	52.00	2.42	2.00
National Limestone Quarry Middleburg, Pa.				
Limestone	43.76	40.00	1.09	0.90
Neidigh Brothers Limestone Company, Inc. State College, Pa.				
Pulverized Limestone	48.78	50.00	1.77	1.50
Pulverized Limestone	49.51	50.00	1.76	1.50
New Castle Lime & Stone Company New Castle, Pa.				
Limestone	49.54	49.50	0.64	0.50
Limestone	49.20	49.50	0.68	0.50
Limestone	49.09	49.50	0.83	0.50
New Enterprise Stone & Lime Company, Inc. New Enterprise, Pa.				
#Limestone	49.72	51.00	1.81	0.70
Fort Bedford Limestone	*40.22	43.52	7.84	6.49
Fort Bedford Limestone	*39.10	43.52	9.38	6.49
Fort Bedford Limestone	45.83	43.52	*4.96	6.49
Fort Bedford Limestone	43.30	43.52	9.41	6.49
Fort Bedford Limestone	47.06	43.52	4.21	6.49
Hydrated Lime	*65.64	70.00	4.30	2.50
New Jersey Zinc Company New York, N. Y.				
Dolomitic Limestone Tailings	24.80	24.00	16.25	16.50
Dolomitic Limestone Tailings	23.81	24.00	15.70	16.50
Dolomitic Limestone Tailings	23.81	24.00	15.70	16.50
Niverton Lime Company R. D. 1, Salisbury, Pa.				
Burned Lime	*63.13	67.00	2.10	2.73
Burned Lime	65.10	67.00	3.08	2.73
Ohio Lime Company Woodville, Ohio				
Alka-Mag Limestone	30.50	30.64	21.52	21.22
Royer Lime Quarry R. D. 2, Milton, Pa.				
Burnt Lime	*63.36	70.20	1.07	1.27
Sproul Lime & Stone Company Claysburg, Pa.				
Limestone	51.05	52.90	1.71	0.69
Limestone	53.02	52.90	1.32	0.69
Clyde Starook Northumberland, Pa.				
Burned Lime	68.44	60.00	1.35	0.99



MANUFACTURER AND BRAND	CALCIUM F	OXIDE G	MAGNESIUM F	OXIDE G
Sugar Hill Limestone Company Reynoldsville, Pa.				
Limestone	48.08	50.00	0.91	0.75
Thomasville Stone & Lime Company Thomasville, Pa.				
Ground Limestone	47.96	49.00	6.40	5.00
Ground Limestone	48.20	49.00	4.11	5.00
Super-Fine Limestone	54.86	53.50	*0.81	1.50
Super-Fine Limestone	61.94	53.50	1.46	1.50
United States Gypsum Company Chicago, Ill.				
Agricultural Gypsum	29.60	30.00		
United States Steel Corporation Buffalo, N. Y.				
Calcite Michigan Limestone	54.08	54.00	0.85	1.00
Valley Quarries, Inc. R. D. 5, Chambersburg, Pa.				
Limestone	45.80	42.00	4.14	4.00
Limestone	45.04	42.00	8.88	4.00
Valley View Lime Company Bellefonte, Pa.				
Limestone	47.06	50.00	1.54	1.00
Limestone	49.38	50.00	2.30	1.00
Warner Company Philadelphia, Pa.				
Alfalfa Pulverized Limestone	53.36	53.80	0.80	0.50
Alfalfa Pulverized Limestone	53.74	53.80	0.59	0.50
#Alfalfa Pulverized Limestone	54.06	53.79	0.70	0.48
Bald Eagle Hydrated Lime	71.28	70.00	0.72	0.70
Bald Eagle Hydrated Lime	70.22	70.00	0.80	0.70
Bald Eagle Hydrated Lime	72.90	70.00	0.88	0.70
Bald Eagle Hydrated Lime	69.67	70.00	0.88	0.70
Bald Eagle Hydrated Lime	73.01	70.00	0.87	0.70
Bald Eagle Hydrated Lime	71.95	70.00	0.83	0.70
Bald Eagle Hydrated Lime	72.50	70.00	0.91	0.70
Bald Eagle Hydrated Lime	72.54	70.00	0.70	0.70
Bell-Mine Ground Burned Lime	92.67	94.00	1.09	0.90
Bell-Mine Ground Burned Lime	*90.82	94.00	1.69	0.90
Bell-Mine High Calcium Hydrated Lime	72.83	72.00	0.77	0.70
Bell-Mine High Calcium Hydrated Lime	71.28	72.00	1.34	0.70
Bell-Mine Pulverized Burned Lime	93.34	94.00	1.06	0.90
Bell-Mine Pulverized Burned Lime	94.00	94.00	0.75	0.90
Bell-Mine Pulverized Limestone	53.36	53.80	0.80	0.50
Bell-Mine Pulverized Limestone	55.84	53.80	0.42	0.50
Bell-Mine Pulverized Limestone	54.18	53.80	0.72	0.50
Ground Burned Lime	54.81	54.00	38.38	39.00
High Magnesium Pulverized Limestone	30.32	29.00	20.64	21.00
High Magnesium Pulverized Limestone	29.76	29.00	20.47	21.00
Hydrated Lime Superfine	44.61	45.80	*30.17	32.20
Hydrated Lime Superfine	46.39	45.80	30.74	32.20
Hydrated Lime Tailings	72.45	69.00	0.91	0.90
Hydrated Lime Tailings	72.54	69.00	1.79	0.90
Limoid	46.61	45.50	*29.95	32.00
Limoid	46.63	45.50	31.12	32.00
Warren Limestone Company Oxford, N. J.				
Lawn & Garden Limestone	43.24	40.00	5.30	1.00
York Stone & Supply Company York, Pa.				
Limestone	48.52	50.50	5.33	3.00
Limestone	48.54	50.50	2.82	3.00

DIRECTORY SECTION

## LIST OF REGISTRANTS UNDER

## PENNSYLVANIA COMMERCIAL FEED LAW FOR 1963-1964

Abbott Laboratories, 1400 Sheridan Road, North Chicago, Ill.  
Abbottstown Grain & Feed Stores, Abbottstown, Pa.  
Ackermanville Milling Company, Ackermanville, Pa.  
Acme-Evans Company, Inc., 902 West Washington Avenue, Indianapolis, Ind.  
Acme Markets, Inc., 124 North 15th St., Philadelphia 2, Pa.  
Acton, Inc., P. O. Box 368, Dunnellon, Fla. 32630  
Adams County Farm Bureau Coop. Assn., 107 North Washington St., Gettysburg, Pa.  
Agricultural Division, Hoffmann-La Roche, Inc., Nutley, N. J.  
Ajax Dog Food Company, 49 Pine St., Dedham, Mass.  
Albers Milling Company, A Div. of Carnation Co., 5045 Wilshire Boulevard, Los Angeles, Calif.  
E. M. Albright, Kempton, Pa.  
Albright's Mill, Kempton, Pa.  
Albumina Supply Company, Inc., 82 Beaver St., New York 5, N. Y. 10004  
Algea Produkter A. S., Sea-Born Mineral Div. of Skod Co., 15 East Elm St., Greenwich, Conn.  
Allegheny Fur Feeds, Inc., Portage, Pa.  
Allen Products Company, Inc., R. D. 3, Allentown, Pa.  
E. T. Allen Company, P. O. Box 5317 Station "E", Atlanta 1, Ga. 30307  
All-In-One Feeds, Inc., Eagle, Michigan  
Allied Food Distributors, Inc., P. O. Box 2928 Station D, Atlanta 18, Ga.  
Allied Mills, Inc., Chicago, Ill.  
Altenwald Elevator Company, R. D. 2, Waynesboro, Pa.  
Howard F. Althouse, Mohrsville and Centerport, Pa.  
Altman's Farm Service Stores, Old Lincoln Highway West, Irwin, Pa.  
Altman's Feed Mills, Inc., Old Lincoln Highway West, Irwin, Pa.  
Alto Products Company, 768 South 9th St., Philadelphia 47, Pa.  
Alver Brothers Company, Milford, Ill.  
The Amburgo Company, Inc., 1315 Walnut St., Philadelphia, Pa.  
Amendt Milling Company, 317 West Front St., Monroe, Michigan  
The American Agricultural Chemical Company, 100 Church St., New York 7, N. Y.  
American Crystal Sugar Company, 600 Boston Building, Denver, Colo.  
American Cyanamid Company, P. O. Box 400, Princeton, N. J.  
American Distilling Company, South Front St., Pekin, Ill.  
American Feed Company, Inc., W. 177th St. & Harlem River, Bronx, New York 53, N. Y.  
American Maize-Products Co., 250 Park Avenue, New York, N. Y.  
American Malting, Inc., 100 Childs Street, Buffalo 3, N. Y.  
American Nutritional Laboratories, 728 Market St., Camden, N. J.  
The American Sugar Refining Co., Franklin Sugar Refinery, Foot of Reed St., Philadelphia, Pa.  
American Zinc Sales Company, P. O. Box 327, Columbus 16, Ohio  
Harry Amos Coal & Feed, Fairview, Pa.  
Anchor Serum Company, 1101 Kentucky Avenue, Indianapolis, Ind.  
S. T. Anderson & Son, Sugar Grove, Pa.  
Anderson Brothers, New Park, Pa.  
Anderson Feed Company, Hungerford, Pa.  
Anderson Feed & Supply, 1301 Main St., Brockway, Pa.  
Andre & Son, P. O. Box 157, Montrose, Pa.  
H. O. Andrews & Sons, Mapleton Depot & McVeytown, Pa.  
Anheuser-Busch, Inc., 721 Pestalozzi St., St. Louis 18, Missouri  
Animal Nutritionists, Inc., P. O. Box 305, 1 Spring St., Hamilton, N. Y.  
George M. Anthony & Sons Milling Company, Inc., Strausstown, Pa.  
Anvil Mineral Products Corp. Box 297, Bay Springs, Miss.  
Apex Feed & Supply, Inc., 112 Greene St., Marietta, Ohio  
Apollo Milling Co., 201 North Second St., Apollo, Pa.  
A & R Pet Food Company, 91 Holt St., Buffalo, N. Y. 14206  
Arbogast & Bastian, Inc., 19 Hamilton St., Allentown, Pa.  
Archer-Daniels-Midland Company, P. O. Box 532, 700 Investors Building, Minneapolis, Minn. 55440  
Ardmore Seed Store, 570 Lancaster Avenue, Bryn Mawr, Pa.  
Arenel Farms, Shoemakersville, Pa.  
The Arkansas Rice Growers Coop. Assn., Stuttgart, Ark.  
Armour & Company, 100 South Wacker Drive, Chicago, Ill.  
John W. Arnold, Cocolamus, Pa.  
Arundel Feed Corporation, P. O. Box 3452, Baltimore 26, Md.  
Asco Mills, Inc., 813 Whiting St., Tampa, Fla.  
Associated Grocers of Central Pennsylvania, 600 Arsenal Road, York, Pa.  
Athens Cooperative G.L.F. Service, Inc., 100 North Main St., Athens, Pa.  
Atlantic Processing Company, Drawer 248, Amagansett, N. Y.  
Atlantic Seed Company, Bound Brook, N. J.  
Audubon Valley Mills, Inc., Wellington, Ohio  
Austin Dog Food Div., Sunshine Biscuits, Inc., 29-10 Thomson Avenue, Long Island City, N. Y.  
Nelson L. Baer, R. D. 3, Shippensburg, Pa.  
Raymond J. Baer, R. D. 4, Waynesboro, Pa.  
Bahn's Mill, Inc. R. D. 1, Windsor, Pa.  
Hoke Bair Company, Hanover, Pa.  
H. J. Baker & Brother, Inc., 733 Third Avenue, New York 17, N. Y.  
A. J. Balshi, Inc., 4th St. & Fisher Avenue, Catawissa, Pa.  
D. G. Bamford Milling Company, 101 Prospect St., Midway, Pa.  
Banner Milling Co., 24 West Church St., Fairchance, Pa.  
Bannock Food Company, Inc., Esco Building, East Biddle St., West Chester, Pa.  
Barker-Moore & Mein Company, Inc. P. O. Box 12, 713 Walnut St., Lebanon, Pa.  
Barlieb's Feed & Grain Service, Kunkletown, Pa.  
S. C. Barnes & Son, Inc., Starrucca, Pa.  
Walter L. Barnhardt, Llewellyn, Pa.  
Bashore & Moore, R. D. 1, Box 251-A, Pottsville, Pa.  
The Baugh Chemical Co., 1701 South Delaware Avenue, Philadelphia 48, Pa.  
Bay State Milling Co., Winona, Minn.  
Beachley-Hardy Seed Company, Shiremanstown, Pa.  
Beacon Feed, Beacon Division of Textron, Inc., Cayuga, N. Y.  
J. S. Beahan Company, 502 Park Avenue, Clearfield, Pa.



Bean Brothers, Hayts Corners, N. Y.  
 Beaver Meadow By-Products, Inc., 409 Maple Avenue, DuBois, Pa.  
 Beck's Feed & Grain, Inc., Railroad Street, Kutztown, Pa.  
 Bedford Farm Bureau Coop. Assn., Bedford & Everett, Pa.  
 H. J. Behrens, 799 Crums Mill Road, Harrisburg, Pa.  
 Bellefonte Feed & Grain, Box 97, Bellefonte, Pa.  
 Belleville Flour Mills Company, Belleville, Pa.  
 Beloit Milling Company, Box 218, Mill St., Beloit, Ohio  
 The Belt Seed Company, 200 East Pratt Street, Baltimore 2, Md.  
 Benfer Feed Mill, R. D. 1, Beavertown, Pa.  
 C. E. Benfield Company, Walnut St., Perkasia, Pa.  
 Benson's Poultry, R. D. 1, Punxsutawney, Pa.  
 Benton Roller Mills, Benton, Pa.  
 C. R. Berger, Trout Run, Pa.  
 Berks Farm Bureau Coop. Assn., Temple, Pa.  
 B. A. Bernard & Company, Inc., 2000 Block S. 6th St., Camden 4, N. J.  
 Bert's Feed & Farm Supply, Shippensburg, Pa.  
 Berwick Cooperative G.L.F. Service, Inc., 118 East 10th St., Berwick, Pa.  
 Best Dog Food Company, 447 Timpson Place, New York 55, N. Y.  
 Best Feeds & Farm Supplies, Inc., Oakdale, Pa.  
 Best Foods, Div. of Corn Products Co., 54 Fulton St., Buffalo 4, N. Y.  
 Best Foods, Div. of Corn Products Co., 717 Fifth Avenue, New York 22, N. Y.  
 Better Bite Dog Food Company, 405 East Main St., Muncie, Ind.  
 J. F. Biesecker & Sons, R. D. 2, Thomasville, Pa.  
 Big 4 Feed Company, Box 71, Independence, Iowa.  
 Big Run Milling Company, Big Run, Pa.  
 Big Valley Feed & Grain Co., P. O. Box 5816, Belleville, Pa.  
 Biglerville Warehouse Co., Biglerville, Pa.  
 The Birkett Mills, Main Street, Penn Yan, N. Y.  
 Bishop Processing Company, Bishop, Md.  
 Blairsville Feed & Supply, 156 W. Market St., Blairsville, Pa.  
 Paul E. Blass, R. D. 1, Paxinos, Pa.  
 Blatchford Calf Meal Company, 2 East Madison St., Waukegan, Ill.  
 Blend & McGinnis, Atglen, Pa.  
 Blenda Life, Inc., Green Isle, Minn.  
 Blinn Milling Company, R. D. 5, Butler, Pa.  
 Bloomsburg Coop. G. L. F. Service, Inc., Bloomsburg, Pa.  
 Blue River Feed Mills, Inc., Edinburg, Ind.  
 Boardman's Mill, R. D. 1, Pittsfield, Pa.  
 Bohner Feed & Supply, R. D., Box 33, Dornsife, Pa.  
 William H. Bohner, Pillow, Pa.  
 Bonnie Dog Food Company, P. O. Box 1413, 1018 22nd St., Sacramento, Calif.  
 The Borden Company, Feed Supplement Div., 350 Madison Avenue, New York 17, N. Y.  
 Borden's Soy Processing Co., Div. of the Borden Company, Grinnell Road, P. O. Box 508, Kankakee, Ill.  
 The Boswell Company, Box 11696, Atlanta 5, Ga.  
 Bowersox Mill, Penns Creek, Pa.  
 B & R Mills, 27145 Glenwood Road, Perrysburg, Ohio  
 Brandt Mills, Inc., Mifflinville, Pa.  
 Brandt Mills, Inc., R. D. 2, Orangeville, Pa.  
 A. F. Brandt's Sons, R. D. 1, Elizabethtown, Pa.  
 Gurney D. Brandt & Sons, 830 Maple St., Lebanon, Pa.  
 Harold C. Brandt, West Queen St., Annville, Pa.  
 Brandt's Warehouse, East Berlin, Pa.  
 Braun Baking Company, 1700 Island Avenue, Pittsburgh 33, Pa. 15233  
 Carroll Braun, Meadow Ridge Road, Elkridge 27, Md. 21227  
 Braun Rendering Company, Inc., 2008 Ontario Avenue, Baltimore 30, Md.  
 Breast O'Chicken Tuna, Inc., 1995 Bay Front, San Diego 12, Calif.  
 Bremco Alfalfa Mills, Inc., P. O. Box 96, New Bremen, Ohio  
 E. L. Brenner & Son, R. D. 1, Box 104, East Berlin, Pa.  
 Briar Creek Mills, Briar Creek, Pa.  
 Brighton By-Products Company, Inc., Blockhouse Run Road, New Brighton, Pa.  
 Bristol Garden Products Co., Front & Bainbridge Sts., Philadelphia 47, Pa.  
 Brown Milling Co., Wadsworth St., Randolph, N. Y.  
 F. M. Brown's Sons, Inc. 125 S. Furnace St., Birdsboro, Pa. 19508  
 Brown & Fassett, 33 Bridge St., Tunkhannock, Pa.  
 Brown-Forman Distillers Corporation, 1908 Howard St., Louisville, Kentucky  
 Brown Molasses Company, Inc., P. O. Box 304, North Webster, Ind.  
 Brown & Rea, Atglen, Pa.  
 Bryn Mawr Feed & Seed Company, Lancaster Avenue, Bryn Mawr, Pa.  
 The Buckeye Cotton Oil Div., The Buckeye Cellulose Corp. 301 East Sixth St., Cincinnati, Ohio  
 Buckeye Feed Mills, Inc., Dalton, Ohio  
 S. S. Buckwalter, Inc., East Bridge St., Spring City, Pa.  
 Buddy's Dog & Puppy Food, Box 188, Meadville, Pa.  
 The Albert H. Buehrle Co., 754 Tod Avenue, Youngstown, Ohio  
 Robert Buist Company, 4 South Front St., Philadelphia, Pa.  
 Bumble Bee Seafoods, Div. of Castle & Cooke, Inc., P. O. Box 69, Astoria, Oregon  
 L. T. Burleson, 69 Pearl St., Port Allegany, Pa.  
 Burnett's Foods, Inc., 178 Emmet St., Newark, N. J.  
 W. Atlee Burpee Company, 18th & Hunting Park Avenue, Philadelphia 32, Pa.  
 Butler Farm Bureau Coop. Assn., 205 South Monroe St., Butler, Pa.  
 B.V.M. Supply Company, Box 276, 33 Old Mill Road, Ephrata, Pa.  
 By-Dry Feed Products, 917 20th St., Sacramento, Calif.  
 By-Products, Inc., P. O. Box 1411, Wilmington, Dela.  
 Caf-Melk Company, R. D. 1, Thomasville, Pa.  
 Calo Pet Food Company, Inc., 1755 Embarcadero, P. O. Box 4077 Bay Shore Station, Oakland, Calif.  
 Calvert Milling Company, Hoytville, Ohio  
 Cambria Farm Bureau Coop. Assn., Box 389, Ebensburg, Pa.  
 Camden Grain Company, 1709 Kossuth St., Camden, N. J.  
 Camp Milling Company, Inc., 34 Howell St., Walton, N. Y.  
 Harry T. Campbell Sons' Corporation, Campbell Building, Towson, Baltimore, Md. 21204  
 Campbell's Mill, R. D. 3, Lewisburg, Pa.  
 D. M. Campsey - Seed & Feed, Claysville, Pa.



Canada & Dominion Sugar Company, Ltd., Chatham, Ontario, Canada  
 James N. Canfield, Star Route, Stroudsburg, Pa.  
 Canine Caterers, Inc., 117 West Lancaster Avenue, Paoli, Pa.  
 Canine Food & Products Company, 2000 Block South 6th St., Camden 4, N. J.  
 Canine Vita-Foods Company, 2114 Darby Road, Havertown, Pa.  
 Canonsburg Milling Company, Inc., 1 North Central Avenue, Canonsburg, Pa.  
 Canton Cooperative G.L.F. Service, Inc., Box 6, Canton, Pa. 17724  
 Capital Bakers, Inc., 58 North 13th St., Harrisburg, Pa.  
 Capland Grain Company, Inc., 1125 Old North Point Road, Baltimore 22, Md.  
 A. B. Caple Company, Station A Box 27, Oregon Road, Toledo 5, Ohio 43605  
 Stanley Capron, R. D. 1, Milford, N. J.  
 The Carbon Limestone Company, Lowellville, Ohio  
 Cargill, Inc., 200 Grain Exchange, Minneapolis 15, Minn.  
 Carling Brewing Company, 9400 Quincy Avenue, Cleveland 6, Ohio  
 Carm Grain Company, Inc., 140 Deport St., Juneau, Wis. 53039  
 Carmichaels Milling Company, South Vine St., Carmichaels, Pa.  
 Carnation Company, 5045 Wilshire Boulevard, Los Angeles, Calif.  
 W. D. Carpenter Company, Inc., 111 Irving Avenue, Syracuse, N. Y.  
 J. Norris Carr, 147 West King St., Malvern, Pa.  
 Cassel's Mills, Inc., R. D. 1, P. O. Box 224, Manheim, Pa.  
 Castle Brand, Inc., P. O. Box 150, New Castle, Pa.  
 Catawissa Milling Company, 101 Main St., Catawissa, Pa.  
 Cat Life Packing Company, 18 South Michigan Avenue, Chicago 3, Ill.  
 Central Chemical Corporation, Gettysburg, Pa.  
 Central City Chemical Company, 3240 West Chicago Avenue, Chicago 51, Ill.  
 Central Grain Company, Ltd., 172 Archibald St., St. Boniface, Manitoba, Canada  
 Central Nebraska Packing Company, Box 754, North Platte, Neb.  
 Central Soya, McMillen Feed Division, 300 Fort Wayne Bank Building, Fort Wayne, Ind.  
 Centre Hall Mills, Centre Hall, Pa.  
 Chambers & Smith, R. D., West Grove, Pa.  
 Chatham Run Mill, R. D. 1, Lock Haven, Pa.  
 Chef Pet Foods, Inc., Route 3, Delavan, Wis.  
 Chelsea Milling Company, North Street, Chelsea, Mich.  
 Chemlek Laboratories, Inc., 4040 West 123rd St., Alsip 58, Ill.  
 Cherven's Industries, Inc., 2655 Transit Road, Elam, N. Y.  
 Chesapeake Feed Company, Inc., P. O. Box 23, Beltsville, Md.  
 Chestnut Farms-Chevy Chase Dairy, Frederick, Md.  
 Chickasaw Oil Mill, Inc., 642 South Cox St., Memphis 4, Tenn.  
 Chinault Grain & Feed Company, R. D. 2, Seven Valleys, Pa.  
 Carroll E. Chinault, 14 North Walnut St., Mechanicsburg, Pa.  
 Chirps Seed Company, 12th & Gordon Sts., Allentown, Pa.  
 Christiano Alfalfa Milling Company, Cuylerville, N. Y.  
 H. C. Christians Company, 1325 West 15th St., Chicago, Ill.  
 Ciba Pharmaceutical Products, 556 Morris Avenue, Summit, N. J.  
 Citrus Feed Company, P. O. Box 513, Lakeland, Fla.  
 Citrus Products Sales, Minute Maid Corporation, P. O. Box 720, Leesburg, Fla.  
 CK Processing Company, P. O. Box 396, Muscatine, Iowa  
 Clarion Farm Bureau, P. O. Box 389, Clarion, Pa.  
 Clarks Feed Mills, R. D. 2, Shamokin, Pa.  
 Clarks Feed Mills, Turbotville, Pa.  
 The J. M. Clayton Company, Commerce St., Cambridge, Md.  
 Clinton Corn Processing Company, Box 340, Clinton, Iowa 52733  
 Clinton Corn Processing Company, Feed & Oil Sales Department, Clinton, Iowa  
 Clintondale Mills, R. D. 1, Mill Hall, Pa.  
 Clofine Dairy Products, Inc., 514 Guarantee Trust Building, Atlantic City, N. J.  
 Clover Farm Stores Corp., 150 Northfield Road, Bedford, Ohio  
 John S. Clymer, R. D. 3, Quakertown, Pa.  
 Clymer Sales Company, Inc., Point Pleasant, Pa.  
 Cocke & Company, 208 William-Oliver Building, Atlanta, Ga.  
 Cochranon Cooperative Assn., Cochranon, Pa.  
 Codorus & Manheim Farmers Assn., Inc., Glenville, Pa.  
 A. Coebler, Jr., Whitehouse Station, N. J.  
 Colchester Processing Company, 35th & Walnut St., East St. Louis, Ill.  
 Colonial Valley Corporation, Menges Mills, Pa.  
 Columbia Animal Foods Company, Inc., Box 69, Berwick, Pa.  
 Columbus Milling Company, Columbus, Pa.  
 Colvin & Company Manufacturing Sales Rep., 3961 West 25th St., Cleveland 9, Ohio  
 Comet Rice Mills, P. O. Box 891, Stuttgart, Ark.  
 Commercial Solvents Corporation, 260 Madison Avenue, New York 16, N. Y. 10016  
 Conewago Roller Mills, Route 1, York Haven, Pa.  
 Conewago Valley Mills, Main St., Route 62, Conewago Valley, N. Y.  
 Consolidated Blenders, Inc., Box 689, Fremont, Neb.  
 Consolidated Mills, Inc., Box 5, Blissfield, Mich.  
 Consolidated Rendering Company, 178 Atlantic Avenue, Boston, Mass.  
 Continental Distilling Corp., 1429 Walnut St., Philadelphia 2, Pa.  
 Cooperative Feed Dealers, Inc., Kattleville Road, Chenango Bridge, N. Y.  
 Cooperative G.L.F. Exchange, Inc., Marketing Div., Terrace Hill, Ithaca, N. Y.  
 Cooperative G.L.F. Exchange, Inc., Small Animal Foods Department, Terrace Hill, Ithaca, N. Y.  
 Cooperative Mills, Inc., 2101 East Fort Avenue, P. O. Box 1436, Baltimore 30, Md. 21203  
 H. Corby Distillery Limited, Corbyville, Ontario, Canada  
 Corn Products Company, 717 Fifth Avenue, New York 22, N. Y. 10022  
 Cornplanter Industries, 102-104 Pennsylvania Avenue E, Warren, Pa.  
 Corry Cooperative G.L.F. Service, Inc., 129 Pennsylvania Avenue, Corry, Pa.  
 Coudersport Cooperative G.L.F. Service, Inc., South Main St., Coudersport, Pa.  
 Cove Dehydrating Plant, R. D. 1, Martinsburg, Pa.  
 Cresson Feed Mill, Inc., 402 Second St., Cresson, Pa.  
 W. S. Crock & Sons, Nicholson, Pa.  
 Crouse Chinchilla Farm, R. D. 1, Stafford Springs, Conn. 06076  
 Crowley's Milk Company, Inc., 145 Conklin Avenue, Binghamton, N. Y.  
 Crown Prince Dog Food Company, Box 754, North Platte, Neb.

J. Harold Crozier, Star Route, Mifflin, Pa.  
 Cumberland Valley Cooperative Assn., Shippensburg, Pa.  
 John K. Curry & Sons, 338 North Railroad St., Palmyra, Pa.  
 Curry's Coal, Feed & Garden Supplies, 810 W. Chocolate Avenue, Hershey, Pa.  
 Curry Supply Company, Curryville, Pa.  
 Dad's Dog Foods, Inc., P. O. Box 451-D, Mill & Clay Sts., Meadville, Pa.  
 Dad's Products Company, Box 451-D, Meadville, Pa.  
 Daffin Manufacturing Div., Daffin Corporation, Lancaster, Pa.  
 Dairy Association Company, Inc., Lyndonville, Vermont  
 Dari-Dri Company, Div. of Milk Specialties, Inc., 260 S. Washington St., Dundee, Ill.  
 Darling & Company, McKees Rocks, Pa.  
 Darling & Company, 4201 Ashland Avenue, Chicago, Ill.  
 William M. Daulton, 127 East Walnut St., Lancaster, Pa.  
 William Davies Company, Inc., Danville, Ill.  
 Davis Feed Mill, Rushland, Pa.  
 Dawe's Laboratories, Inc., 4800 S. Richmond St., Chicago 32, Ill.  
 Dawnwood Farms, Inc., Amenia, N. Y.  
 Dayette Mills, R. D. 1, Newark, Del.  
 Dayle Products Company, Inc., 209 Washington St., Boston 8, Mass.  
 DCA Food Industries, Inc., 27 Frederick Road, Ellicott City, Md.  
 Dean & Lee, Chemung St., Horseheads, N. Y.  
 Deep Run Packing Company, Box 27, Dublin, Pa.  
 DeGroft Feed & Farm Supply, Box 153, Littlestown, Pa.  
 Deibert Feed Service, Bedford, Pa.  
 Delaware Milling Company, Inc., P. O. Box 27, Bank Building, Front St., Deposit, N. Y.  
 The Delphos Soya Products Co., 234 S. Jefferson Street, Delphos, O.  
 Delta Products Co., P. O. Box 218, Wilson, Ark.  
 L. J. Denlinger Company, Paradise, Pa.  
 Denmandale Farms, Route 1, Corland, Ohio  
 Derstine's Hatchery & Feed, R. D. 1, Box 4, Harleysville, Pa.  
 Detrich's Elevator, Williamson, Pa.  
 DeWald's Mill, 555 E. 7th St., Bloomsburg, Pa.  
 Diamond Crystal Salt Co., 916 S. Riverside Avenue, St. Clair, Michigan  
 Diamond Laboratories, Inc., 2538 S. East 43rd St., Des Moines, Iowa  
 Diamond Milling Company, Inc., 313 5th Avenue, New Brighton, Pa.  
 Diamond V Mills, Inc., 436 G. Avenue, N. W., Cedar Rapids, Iowa  
 M. Arthur Diehl & Son, R. D. 3, Shippensburg, Pa.  
 Dietrich & Gambrell, Inc., South Carroll St., Frederick, Md.  
 Dillsburg Grain & Milling Company, Dillsburg, Pa.  
 T. M. Dinsmore & Company, Inc., 3520 O'Donnell St., Baltimore 24, Md.  
 Doane Feed Products Company, P. O. Box 1108, Joplin, Mo.  
 Dodge Mills G.L.F. Service, New Albany, Pa.  
 Dog Food Associates Div., Thrivo Company, Inc., 919 N. Front St., Philadelphia, Pa.  
 Dominion Associates, Inc., 3621 Columbia Pike, Arlington, Va.  
 Dominion Malting Company, Ltd., 412 Grain Exchange Bldg., 167 Lombard Ave., Winnipeg, Manitoba, Canada  
 Dominion Malting (Ontario) Ltd., 369 Lake Shore Boulevard E., Toronto, Ontario, Canada  
 Dougherty Feed Company, Inc., P. O. Box 191, Willow St., Louisville, O.  
 The Dover Milling Co., West Second St., Dover, O.  
 The Dow Chemical Company, 825 E. Main Street, Midland, Michigan  
 Doyle Packing Company, Inc., of New Jersey, 165 Branchport Avenue, Long Branch, N. J.  
 F. A. Drake's Son, R. D. 2, Cambridge Springs, Pa. 16403  
 Geo. E. Drake Baking Company, 4117 Liberty Avenue, Pittsburgh, Pa.  
 W. H. Dreibelbis Sons, Inc., R. D. 1, Shoemakersville, Pa.  
 Drew Chemical Corp., 416 Division St., Boonton, N. J.  
 Dublin Milling Company, Dublin, Pa.  
 DuBois Brewing Co., South Main St., DuBois, Pa.  
 Duffy & Harris, R. D. 1, Harrisville, Pa.  
 DunWin Company, 136 Elm St., South Williamsport, Pa.  
 E. I. du Pont de Nemours & Company, 6054 Du Pont Bldg., Wilmington 98, Del. 19898  
 Duquesne Brewing Company of Pittsburgh, South 22nd & Mary Sts., Pittsburgh 3, Pa.  
 Dushore G.L.F. Service, Dushore, Pa.  
 Dutchman Feed Mills, Inc., R. D. 1, Stevens, Pa.  
 Eagle Brewing Company, 210 Second St., Catasauqua, Pa.  
 J. W. Easland & Sons, Inc., P. O. Box 70, De Smet, South Dakota  
 East Berlin Flour & Feed Mills, Inc., East Berlin, Pa.  
 Eastern Retailer Owned Grocers Coop., Inc., New York, N. Y.  
 The Eastern Shore Rendering Co., P. O. Box 703, Cambridge, Md.  
 Ebersole Brothers, Bainbridge, Pa.  
 Eby's Mill, Inc., 35 North Cedar St., Lititz, Pa.  
 Eckhart Milling Company, 1300 West Carroll Avenue, Chicago 7, Ill.  
 Eddystone Pet Food & Supplies, 1951 Chester Pike, Eddystone, Pa.  
 J. C. Ehrlich Chemical Company, Inc., 731-41 Court St., Reading, Pa.  
 8 in 1 Pet Products, Inc., 40-20- 22nd St., Long Island City, N. Y.  
 E. B. Eisenhart, R. D. 2, East Berlin, Pa.  
 Elanco Products Co., Div. of Eli Lilly & Company, 740 S. Alabama St., Indianapolis, Ind.  
 El Capitan Products, Inc., 341-347 E. Liberty St., Lancaster, Pa.  
 Elizabeth Milling Company, Inc., First & Plum Sts., Elizabeth, Pa.  
 E.L.M. Feed Stores, Greencastle, Pa.  
 Elna Brands, Inc., 431 S. Dearborn St., Chicago 5, Ill.  
 Elverson Supply Company, Elverson, Pa.  
 Emco Mills, Main Street, Drawer G, Emlenton, Pa.  
 Empire Foods, Pittsburgh, Pa.  
 Samuel Entrot & Son, Uniondale & Forest City, Pa.  
 Erie Alfalfa Mills, Inc., P. O. Box 848, Erie, Michigan  
 The Erie Brewing Co., 2131 State St., Erie, Pa.  
 Erie-Crawford Dairy Coop. Assn., 1815 State St., Erie, Pa. 16501  
 Erie Reduction Company, P. O. Box 1677, Erie, Pa.  
 Eshelman Grain, Inc., Div. of International Milling Co., Inc., 1200 Investors Bldg., Minneapolis, Minn.  
 John W. Eshelman & Sons, 244 North Queen St., Lancaster, Pa.  
 W. H. Eshelman, R. D. 2, Smithsburg, Md.  
 Evanger's Dog & Cat Food Co., Inc., 221 Wheeling Road, Wheeling, Ill.  
 Evans Milling Company, 1730 West Michigan St., Indianapolis, Ind.  
 Everett's G.L.F., Gilbert, Pa.



John Ewing Company, La Salle, Colo.  
 J. B. Ewing & Sons, Orbisonia, Pa.  
 The Ray Ewing Company, Div. of Hoffman-La Roche, Inc., 2690 E. Foothill Blvd., Pasadena, Calif.  
 Expanded Grain Products, Inc., Oakdale, Pa. 15071  
 Fabro, Inc., P. O. Box 2928, Station D, Atlanta 18, Ga.  
 Fabro of Georgia, Inc., P. O. Box 2928, Station D, Atlanta 18, Ga.  
 Faerie Dell Kennels, Meshoppen, Pa.  
 Fairway Milling & Grain Company, Ltd., 314 Archibald St., Winnipeg, Manitoba, Canada  
 Farm Bureau Coop. Assn., Inc., 245 N. High St., Columbus 16, O.  
 Farm Liquids, Inc., Box 224, Freeport Road, Natrona Heights, Pa.  
 Farmers' Coop. Assn. of New Jersey, Inc., 550 W. Ingham Avenue, Trenton, N. J.  
 Farmers Cotton Oil Co., 510 E. Barnes St., Wilson, North Carolina  
 Farmers Feed Company, 375 Johnson Avenue, Brooklyn 6, N. Y.  
 Farmers Feed & Supply Company, Box 416, Tionesta, Pa.  
 Farmers Friend Mineral Company, 651 Filmore St., Napoleon, O.  
 Farmhand Division, Daffin Corporation, Hopkins, Minn.  
 Ferron Corp., 1617 Crocker St., P. O. Box 388, Des Moines, Iowa  
 Fawcett Company, Colfax St. & Depot Alley, Enon Valley, Pa.  
 Feed-Mor Products Company, Westminster, Md.  
 Feed Service Corporation, Box 270, Crete, Neb.  
 Feeney's Garden Center, Bustleton Pike, Feasterville, Pa.  
 Fehnel's Feed & Grain Service, 305 W. Main St., Bath, Pa.  
 Ferneau Grain Company, Box 66, Gibson Building, Blanchester, O.  
 B. B. Figley & Son, Burgettstown, Pa.  
 Fish Products Co., Fort Miles Road, Lewes, Del.  
 Fish Products Company-New Jersey, Tuckerton, N. J.  
 Fisher & Son Company, East King St., Malvern, Pa.  
 W. F. Fisher & Son, Inc. P. O. Box 465, Bound Brook, N. J.  
 Flambeau Milling Company, 165 S. Lake Avenue, Phillips, Wis.  
 Fleagle's Supply Service, 325-327 E. Main St., Somerset, Pa.  
 Florida Citrus Cannerys Coop., Lake Wales, Fla.  
 Flory Brothers, Flory Mill Road, Lancaster, Pa.  
 Flory Milling Company, North Main St., Bangor, Pa.  
 Flower Lane Farm, Martinsville, N. J.  
 Flower Lane Farm Div., Loft's Pedigreed Seed Co., Chimney Rock Road, Bound Brook, N. J.  
 Floyd's Feed Service, 2512-18 S. 72nd St., Philadelphia 42, Pa.  
 F M S Incorporated, Greenville, O.  
 Food Basket, 101 Broad St., Phillipsburg, N. J.  
 Food Fair Stores, Inc., 3175 John F. Kennedy Boulevard, Philadelphia, Pa.  
 Ford & Palmer, 1531 West Third St., Chester, Pa.  
 Foremost Dairies, Inc., Industrial Division, 1870 El Camino Real, Burlingame, Calif.  
 The Foster Canning Company, Inc., Railroad Avenue, Farmingdale, N. J.  
 R. S. Fought & Sons, 98 W. Walnut St., Hughesville, Pa.  
 Fowler Farm Service, Inc., Box 82, Franklin, Pa.  
 The Fox Company, Railroad Boulevard, Newfield, N. J.  
 T. C. Fox & Sons, Inc., East Railroad Boulevard, Newfield, N. J.  
 M. E. Franks, Inc., 375 Park Avenue, New York 22, N. Y.  
 Fredonia Milling Company, Inc., Water St., Fredonia, Pa.  
 E. K. Freed & Son, Liverpool, Pa.  
 Freeman Brothers, R. D. 1, P. O. Box 252, New Cumberland, Pa.  
 The R. T. French Company, 1 Mustard St., Rochester 9, N. Y.  
 Friends, Inc., 5728 W. Roosevelt Road, Chicago, Ill. 60650  
 D. D. Fritch Milling Co., Race St., Macungie, Pa.  
 Froedtert Malt Corp., 3830 W. Grant St., Milwaukee 1, Wis. 53215  
 Fruen Milling Company, Box 3172 Traffic Station, Minneapolis, Minn. 55403  
 Edward S. Fry, 1048 French St., Meadville, Pa.  
 Fryburg Roller Mills, Fryburg, Pa.  
 Fuhrman & Schmidt Brewing Company, 235 S. Harrison St., Shamokin, Pa.  
 Furry's Mill, Loysburg, Pa.  
 Galetton Coop. G.L.F. Service, Inc., Galetton, Pa.  
 H. L. Garrison & Brother, 9th & Mulberry Sts., Berwick, Pa.  
 Gartner-Harf Company, 21 West 21st St., Erie, Pa.  
 The J. I. Gates Milling Company, 1137 West Broad St., Columbus, O. 43222  
 Gehman Feed Mill, Inc., 44 N. Third St., Denver, Pa.  
 Geho & Son, Barto & Emmaus, Pa.  
 Geisler Pet Products, 1848 Webster Avenue, New York 57, N. Y.  
 General Feed & Supply, 236 E. Maiden St., Washington, Pa.  
 General Foods Corporation, North Street, White Plains, N. Y.  
 General Foods Corporation, Corn Mill Div., 1551 East Willow St., Kankakee, Ill.  
 General Mills, Inc., 9200 Wayzata Boulevard, Minneapolis 26, Minn.  
 Gentzler Grain & Feed Company, East Berlin, Pa.  
 Genuardi Market, Inc., 1930 West Main St., Norristown, Pa.  
 George's Pet Foods, 308 MacDade Boulevard, Collingdale, Pa.  
 E. H. Gerhart Company, Inc., Jonestown, Pa.  
 Gerhart Farms, Gilbertsville, Pa.  
 Getkin-Moyer, Inc., 10 West Main St., Norristown, Pa.  
 Ginter's Mill, R. D. 3, Newville, Pa.  
 Glenelg Dehydrators, Route 2, Ellicott City, Md.  
 L. A. Glessman, Inc., 1630 Water Street, Conneautville, Pa.  
 Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.  
 Roy Goff & Company, Inc., P. O. Box 6248, Route 111, Village Square, Monroe, Conn.  
 Golden Egg Farm, R. D. 2, Doylestown, Pa.  
 Golden Gem Growers, Inc., Umatilla, Fla.  
 W. M. Golden & Son, Springville, Pa.  
 Goldenrod Oil Meal Sales Company, P. O. Box 152, 727 Beale St., Memphis, Tenn.  
 Good Eatin' Dog Food Company, 919 N. Front Street, Philadelphia, Pa.  
 Harold H. Good, Terre Hill, Pa.  
 Joseph M. Good & Son, Route 1, Bird-In-Hand, Pa.  
 Goodhart Brothers, Box 82, Walnut Bottom, Pa.  
 C. L. Goodman, Port Royal, Pa.  
 Good's City Mills, Inc., 2117 Webb St., Williamsport, Pa.  
 Good's Feed Mill, R. D. 1, New Providence, Pa.  
 S. H. Goss, Inc., Box 426, 500 Logan Street Extended, Lewistown, Pa.

Philip S. Gottschalk, Hankins, N. Y.  
 Graber Mills, Inc., 802 Navarre Road, S. W., Canton, Ohio  
 W. R. Grace & Company, Nitrogen Products Div., 147 Jefferson Avenue, Memphis 3, Tenn.  
 Grain Processing Corporation, 1600 Oregon St., Muscatine, Iowa  
 Grain Products Corporation, 173 Scott Avenue, Brooklyn, N. Y.  
 The Grand Union Company, 100 Broadway, East Paterson, N. J.  
 D. H. Grandin Milling Company, 1029 Allen St., Jamestown, N. Y.  
 I. B. Graybill & Son, Inc., Strasburg, Pa.  
 M. S. Graybill & Son, Bareville, Pa.  
 The Great Atlantic & Pacific Tea Company, New York City, N. Y.  
 Green Acre Farms, 112 S. Spruce Street, Nazareth, Pa.  
 Green Valley Mills, Inc., Manuet, N. Y.  
 Greene Farm Bureau Coop. Assn., 350 South Morris St., Waynesburg, Pa.  
 Greene & Gerlach, R. D. 1, Harrisville, Pa.  
 The T. H. Greenwood Company, Pennsylvania & Logan Avenue, North Hills, Pa.  
 Ralph Grimes, R. D. 1, Ringtown, Pa.  
 Grim's Poultry Supply, R. D. 1, Sinking Spring, Pa.  
 Gro-Kote, Inc., P. O. Box 7, Santa Rosa, Calif.  
 Charles E. Grove & Sons, Felton, Pa.  
 H. & C. Grove, R. D. 2, Lewisburg, Pa.  
 Grubb Supply Company, West High St., Elizabethtown, Pa.  
 Gruber & Fausnacht, 329 North Railroad St., Palmyra, Pa.  
 Hadley Mill, Hadley, Pa.  
 Hales & Hunter Company, 141 W. Jackson Boulevard, Chicago 4, Ill. 60604  
 Haney Milling Company, Mill Street, Danville, Pa.  
 Harleysville Mill, Inc., Harleysville, Pa.  
 Paul Harrigan & Sons, Inc., Bath Road, Bristol, Pa.  
 Harrisburg Grocery Company, 1001 Maclay St., Harrisburg, Pa.  
 Harrisville Milling Company, Harrisville, Pa.  
 Carl Hartman, Lynnport, Pa.  
 Hartsville Oil Mill, 1501 S. 5th St., Hartsville, South Carolina 29550  
 F. D. Hartzel's Sons Company, 74 Park Avenue, Chalfont, Pa.  
 Hartz Mountain Products Corp., 50 Cooper Square, New York 3, N. Y. 10003  
 Hauck Feed & Supply Company, 15 Pine St., Kutztown, Pa.  
 Hawkins Dog & Cat Food Company, 6526 Lansdowne Avenue, Philadelphia 51, Pa.  
 Haynie Products, Inc., 108 East York St., Baltimore 30, Md.  
 Hayward, Inc., Oak Harbor, Pa.  
 Heath's Mill, Great Bend, Pa.  
 Heaven Hill Distilleries, Inc., P. O. Box 571, Bardstown, Kentucky  
 Hefty Milling Company, East 8th Street, Watsontown, Pa.  
 H. J. Heinz Company, 1062 Progress St., Pittsburgh 30, Pa.  
 E. Musser Heisey & Son, R. D. 2, Mount Joy, Pa.  
 Furman E. Hendrix, Inc., White Hall, Md.  
 L. E. Henninger & Son, R. D. 1, Myerstown, Pa.  
 A. C. Henry, Inc., Main St., Seven Valleys, Pa.  
 A. K. Hepler & Son, 106 North 4th St., Youngwood, Pa.  
 Herminie Feed & Supply Co., Herminie, Pa.  
 P. Herold & Sons, 1001-13 North 3rd St., Philadelphia 23, Pa.  
 John M. Herr, Grantville, Pa.  
 A. L. Herr & Brother, 9 North Church St., Quarryville, Pa.  
 Herr Milling Company, R. D. 1, Turbotville, Pa.  
 The Herrman-McLean Company, 2520 Market Avenue, Cleveland 13, Ohio  
 Hershberger's, Inc., 314 Baumer St., Johnstown, Pa.  
 Mark C. Hershey, R. D. 5, Lebanon, Pa.  
 Hershey Brothers, Reinholds, Pa.  
 J. B. Hertzfeld, Inc., 448 Bourse Building, Philadelphia 6, Pa.  
 Hespenheide & Thompson, Inc., Beaver & North Sts., York, Pa.  
 C. J. Hess, Shade Gap, Pa.  
 John J. Hess II, R. D., Paradise, Pa.  
 H. H. Products Company, R. D. 1, Hatfield, Pa.  
 Hi-Acres Concentrates, Inc., P. O. Box 7127, Orlando, Fla.  
 Hiestand, Inc., R. D. 1, Marietta, Pa.  
 S. H. Hiestand & Company, Salunga, Pa.  
 Highfield Pet Foods, 4999 1/2 Girard Avenue, Philadelphia 31, Pa.  
 Highland Products, Inc., 525 North Fourth St., Minneapolis, Minn.  
 Hildum Fermentation & Processing Co., Shiremanstown, Pa.  
 Hill Packing Company, 401 Harrison, Topeka, Kansas  
 Hilliard Products, Inc., Box 295, Willow St., Pa.  
 Hines Feed Store, 210 S. Juniata Street, Hollidaysburg, Pa.  
 Hinish Feed & Farm Supply, Everett, Pa.  
 Hinkle Farms, R. D. 1, Ottsville, Pa.  
 Earl W. Hoffman & Sons, R. D. 3, Mechanicsburg, Pa.  
 J. L. Hoffman Company, Inc., 1413-15 Court St., Allentown, Pa.  
 Hoffman-Taff, Inc., P. O. Box 1246 S.S.S., Springfield, Mo.  
 Hoke Oil & Fertilizer Co., 220 Wilmouth St., Box 1, Raeford, N. C.  
 Holly Sugar Corp., Holly Sugar Building, Colorado Springs, Colo.  
 Holsopple Feed Mill, Holsopple, Pa.  
 Honesdale Milling Co., West 11th St., Honesdale, Pa.  
 Honeggers' & Company, Inc., Fairbury, Ill.  
 Honesdale Flour & Feed Co., 1029 Main St., Honesdale, Pa.  
 Clem E. Hooper, Intercourse, Pa.  
 John J. Hooper, Gordonville, Pa.  
 H. P. Hood & Sons, P. O. Box 97, Wilson St., Dunedin, Fla.  
 H. P. Hood & Sons, Inc., 500 Rutherford Avenue, Boston 29, Mass.  
 Hooker Chemical Corp., Phosphorous Division, Columbia, Maury, Tenn.  
 Henry B. Hoover, 27 N. State St., Ephrata, Pa.  
 Horlacher Brewing Co., 311 Gordon St., Allentown, Pa. 18102  
 Horlicks Corp., 2120 Northwestern Avenue, Racine, Wis.  
 D. E. Horn & Company, Lincoln & West Sts., York, Pa.  
 D. E. Horn & Company of Red Lion, Inc., 327 East Broadway, Red Lion, Pa.  
 Horst's Mill, Route 1, Lebanon, Pa.  
 James R. Houck, 47 N. First Street, Bangor, Pa.  
 O. Perry House Feed Mill Estate, Aspers, Pa.  
 Household Products Company, 1905 Harrison St., Evanston, Ill.



Howard Phosphate Company, 1634 Chicago Avenue, Orlando, Fla.  
 George T. Howe Company, Grove City, Pa.  
 Howell & Sons & Johnson, 22 South Pennsylvania Ave., Morrisville, Pa.  
 H. Q. Beef Products Company, 150 Northfield Road, Bedford, Ohio  
 Hubbard Milling Company, 308 North Front St., Mankato, Minn.  
 Huber Brothers, Schaefferstown, Pa.  
 John T. Hubert & Sons, Star Route, Meadville, Pa.  
 Hubert's Discount, 133 Pine St., Meadville, Pa.  
 The Hubinger Company, 601 Main St., Keokuk, Iowa  
 William M. Hudson & Company, 535 W. Otterman St., Greensburg, Pa.  
 Huff & Puff Pet Food, Inc., Div. of T. C. Slaughter, Reedville, Va.  
 Huffman's Feed Service, R. D. 1, Linesville, Pa.  
 Hunsberger Mill, R. D. 3, Emlenton, Pa.  
 Ivan Hugo, New Albany, Pa.  
 Huntsinger's Mill, Hegins, Pa.  
 David B. Hurst, Bowmansville, Pa.  
 Paul Hurst & Sons, R. D. 1, East Earl, Pa.  
 Hutchison's, Inc., 31 N. Beaver St., New Castle, Pa.  
 Hygrade Food Products Corp., 2811 Michigan Avenue, Detroit, Mich.  
 Illinois Cereal Mills, Inc., P. O. Box 277, 613 S. Jefferson Avenue, Paris, Ill.  
 Illinois Soy Products Company, P. O. Box 53, Springfield, Ill.  
 J. F. Imbs Milling Company, 303 Merchants Exchange Bldg., 5100 Oakland Ave., St. Louis, Mo.  
 Imperial Animal Products, Inc., Wadsworth, Ill.  
 Independent Manufacturing Company, Wheatsheaf Lane & Aramingo Ave., Philadelphia 37, Pa.  
 Independent Oil Mill, Inc., P. O. Box 150, Jackson, Tenn.  
 Industrial Molasses Corp., 3033 Exelsior Boulevard, Minneapolis 16, Minn.  
 Inland Products, Inc., Pittsburgh Melting Co., Div. of Herrs Island, Pittsburgh 22, Pa.  
 Inter-County Farmers Coop. Assn., Inc., Woodridge, N. Y.  
 International Cheese Company, Inc., Hinesburg, Vermont  
 International Milling Company, 1200 Investros Building, Minneapolis, Minn.  
 International Mineral & Chemical Corp., Old Orchard Road, Skokie, Ill.  
 International Salt Company, Clarks Summit, Pa.  
 International Stock Food Corporation, 533 Broad St., Waverly, N. Y.  
 Interstate Bakeries Corp., 130 West Hoyt St., Kingston, Pa.  
 Interstate Feed Chemicals Corp., 609 Livestock Exchange Building, Kansas City, Mo.  
 Interstate Foods of America, 150 Northfield Road, Bedford, Ohio  
 Iola Mills, R. D. 1, Millville, Pa.  
 Jacco Industries, Ltd., P. O. Box 4772, St. Louis, Mo.  
 Jack & Hill Pet Foods, Inc., P. O. Box 440, Gloucester, Mass.  
 Jamestown Rendering Company, Frewsburg, N. Y.  
 Robert Jamieson & Sons, Fredonia, Pa.  
 Jefferson Farm Bureau Coop. Assn., Box 121, Brookville, Pa.  
 Jersee-Security Food Company, 521 S. Third St., Minneapolis 15, Minn.  
 Jespy Dog Food, 226 East Airy St., Norristown, Pa.  
 Jewel Tea Company, Barrington, Ill.  
 J. W. Johnson & Son, Canal St., Albion, Pa.  
 Jones Brewing Company, 2nd St., & B.O.R.R., Smithton, Pa. 15479  
 Jonestown Roller Mills, R. D. 2, Orangeville, Pa.  
 I. S. Joesph Company, Inc., 1100 Flour Exchange Building, Minneapolis, Minn.  
 Joseph Packing Company, P. O. Box 723, Connellsville, Pa.  
 Judson's Feed Store, Columbia Cross Roads, Pa.  
 Juniata Roller Mills, Thompsontown, Pa.  
 Chas. D. Kaier Company, 67-79 N. Main St., Mananoy City, Pa.  
 Kal Kan Foods, Inc., 3386 East 44th St., Los Angeles 58, Calif.  
 I. Kaplan, Inc., 218 Hull Avenue, Olyphant, Pa.  
 Keebler's Feed & Farm Supplies, 2 Montour St., Montoursville, Pa.  
 E. H. Keen & Son, Parkesburg, Pa.  
 H. H. Kelley, Washingtonville, Pa.  
 Kellogg Company, 235 Porter St., Battle Creek, Mich.  
 Spencer Kellogg, Div. of Textron, Inc., Minneapolis, Minn.  
 Kellogg Company of Canada, Ltd., 1097 Dundas St., London, Ontario, Canada  
 Kellogg Seed Company, 322 E. Florida St., Milwaukee 1, Wis.  
 Ken-Bris Farms, Inc., 701 S. Front St., Philadelphia 47, Pa.  
 W. Russell Kendall, Bit Cove Tannery, Pa.  
 Kennel Food Supply, Div. Hygrade Food Products Corp., 2811 Michigan Avenue, Detroit 16, Mich.  
 John W. Kerchner, Inc., Seven Valleys, Pa.  
 Kershaw Oil Mill, 427 N. Hampton St., Kershaw, S. C.  
 Keystone Chemurgic Corp., Route 2, Bethlehem, Pa.  
 Keystone Dehydrators, Box 204, Nazareth, Pa.  
 Keystone Milling Company, 115 S. Queen St., Littlestown, Pa.  
 The Keystone Milling Company, Canal St., Williamsburg, Pa.  
 Keystone Rendering Company, Inc., Pacific & Bath Sts., Philadelphia, Pa.  
 Kiefer's Mills, Inc., Hegins, Pa.  
 Kind & Knox Gelatin Company, Head of North 5th St., Camden, N. J.  
 Kintner Milling Company, Mehoopany, Pa.  
 Kissling's Mill, Bernville, Pa.  
 K & K Manufacturing, Inc., 1001 Washington Avenue, South, Minneapolis 15, Minn.  
 Klemme Cooperative Grain Company, Klemme, Iowa  
 Kline Brothers, Inc., R. D. 1, Boonsboro, Md.  
 John C. Klingerman, R. D. 3, Bloomsburg, Pa.  
 C. R. Klinger, Inc., Middle Creek, Pa.  
 Knauf & Tesch Company, East Grand St., Chilton, Wis.  
 D. P. Knepper, Waterfall, Pa.  
 Knisley's Feed & Farm Supply, Carlisle, Pa.  
 Knittle & Frey Feed Mills, 2101 Green Avenue, Williamsport, Pa.  
 H. C. Knoke & Company, 5728 W. Roosevelt Road, Chicago 50, Ill.  
 The H. E. Koontz Creamery, Inc., 5600 Reisterstown Road, Baltimore 15, Md.  
 Kraft Foods, Div. of National Dairy Products Corp., Chicago, Ill.  
 Ray Kramer & Sons, 654 Washington Road, Pittsburgh 28, Pa. 15228  
 Krause Milling Company, 404 East State St., Milwaukee, Wis.  
 Kreamer Feed Store, Inc., Kreamer, Pa.  
 Kreiner Malting Corporation, 467 Spring St., Buffalo, N. Y.

Kreisl Packing Co., 4th & Walnut Sts., Shamokin, Pa.  
 Herbert H. Kressler, R. D. 4, Box 24, Quakertown, Pa.  
 Kressler's Red Roller Mills, R. D. 1, Bloomsburg, Pa.  
 Kreutz Creek Valley Farmers' Coop. Assn., R. D. 9, York, Pa.  
 K & S Grinding & Mixing Service, Marion, Pa.  
 Kuder Pulp Sales Company, Lake Alfred, Fla. 33850  
 Luther C. Kunkel, R. D. 2, Fleetwood, Pa.  
 M. N. Kunkel Estate, R. D. 1, Kempton, Pa.  
 Kurth Malting Company, 2100 S. 43rd St., Milwaukee 46, Wis. 53426  
 John B. Kurtz, Ephrata, Pa.  
 LaBudde Feed & Grain Company, 741 N. Milwaukee St., Milwaukee, Wis. 53202  
 Norman K. Lady Feed, Grain & Coal, Aspers, Pa.  
 Laddie Boy Dog Foods, Inc., 79-19 71st Avenue, Glendale 27, N. Y.  
 Lafona Mills, R. D. 1, Pen Argyl, Pa.  
 Lake County Oil Mill, 1203 Church St., Tiptonville, Tenn.  
 Lake States Yeast & Chemical Div., of St. Regis Paper Co., 603 W. Davenport St., Rhinelander, Wis.  
 Lakes Feed Mill, South Montrose, Pa.  
 Lamar S.R.L., c/o Armeatco Import, 89-31 161st St., Jamaica 32, N. Y.  
 Christ E. Lamparter's Sons, R. D. 4, Dover, Pa.  
 Lanark Feed Mill, Lanark, Ill.  
 Lancaster County Farm Bureau Coop. Assn., P. O. Box 1197, Dillerville Road, Lancaster, Pa.  
 Lancaster Cotton Oil Company, 602 S. Main St., Lancaster, S. C.  
 Lancaster Milling Company, Inc., R. D. 6, P. O. Box 854, Lancaster, Pa. 17604  
 Lancaster Processing Corp., Flory Mill Road, Lancaster, Pa.  
 Landis Stone Meal Company, Rheems, Pa.  
 Ira B. Landis, 779 Valley Road, Lancaster, Pa.  
 T. M. Landis, Mainland, Pa.  
 Land O'Lakes Creameries, Inc., 2215 Kennedy St., N. E., Minneapolis 13, Minn.  
 Laney's Feed Mill, 8th & Penn Sts., Huntingdon, Pa.  
 Lantzy Milling Co., R. D. 1, Barnesboro, Pa.  
 Larowe Feed Co., Sub. of Mowat, Wilson & Company, 15325 W. Seven Mile Road, Detroit 35, Mich.  
 John Lauer, Jr., Wellsville, Pa.  
 Lauhoff Grain Co., 321 E. North Street, Danville, Ill.  
 Lebanon Valley Farm Bureau Coop. Assn., 17th & Cumberland Sts., Lebanon, Pa.  
 Leeper Roller Mills, Box 48, Leeper, Pa.  
 Leesville Oil Mill Company, Leesville, S. C.  
 Dr. LeGear, Inc., 4161 Beck Avenue, St. Louis, Mo.  
 Francis H. Leggett & Co., Sub. of Seeman Brothers, Inc., 40 W. 225th St., New York, N. Y.  
 Lehigh Farm Bureau Coop. Assn., R. D. 1, Wescosville, Pa.  
 Lehigh Valley Coop. Farmers, 1000-1160 N. 7th St., Allentown, Pa.  
 Lehigh Valley Mills, Inc., 12th & Gordon Sts., Allentown, Pa.  
 Lehman's Cash Feed Store, York Springs, Pa.  
 Lehmaster Elevator Company, Lemasters, Pa.  
 Louis Lehrman & Son, Harrisburg, Pa.  
 A. F. Leidy, Delphi, Pa.  
 Le Roy Alfalfa Corp., 51 Church Street, Le Roy, N. Y.  
 Liberty Baking Co., 6018 Houston St., Pittsburgh 6, Pa.  
 Libner Grain Company, 25 Commerce St., Norwalk, Conn.  
 Life Guard Feeds, Div. of Eshelman Grain, Inc., P. O. Box 2932 Hilltop Station, Columbus 4, Ohio  
 Life Guard Feeds, Div. of Eshelman Grain, Inc., 1200 Investors Buildings, Minneapolis, Minn.  
 Light Street Milling Co., R. D. 2, Orangeville, Pa.  
 Ligonier Mill, New Florence, Pa.  
 George W. Lillich & Son, Abbottstown, Pa.  
 Lime Valley Mills, R. D. 1, Willow St., Pa.  
 Limestone Products Corporation of America, 122 Main St., Newton, N. J.  
 Linbrook Laboratories, R. D. 1, Oxford, Pa.  
 Livestock Mineral Co., 2356 Lititz Pike, Lancaster, Pa.  
 Loblaw, Inc., P. O. Box 941, 678 Bailey Avenue, Buffalo 6, N. Y.  
 Loft's Pedigreed Seed Co., Inc., Chimney Rock Road, Bound Brook, N. J.  
 Loncala Phosphate Co., Box 766, High Springs, Fla.  
 Long Island Soap Company, Inc., 37 Bridgewater St., Brooklyn 22, N. Y.  
 Walter K. Long, Center Valley, Pa.  
 Audley B. Lott, South Montrose, Pa.  
 Lottsville Milling Company, R. D. 1, Bear Lake, Pa.  
 Lou's Aquarium, 50 Pearl St., Lock Haven, Pa.  
 Loyalsock Valley Mills, R. D. 2, Montoursville, Pa.  
 Loysville Feed Company, Loysville, Pa.  
 Bruno Lucchino, R. D. 1, Leechburg, Pa.  
 Lummis & Company, 136-148 N. Delaware Avenue, Philadelphia, Pa.  
 Lycoming Mills, 1425 Race St., Williamsport, Pa.  
 Lykens Valley Roller Mills, R. D. 1, Millersburg, Pa.  
 Lyon & Greenleaf Company, Inc., Box 31, Richmond St., Ligonier, Ind.  
 McBrooms Feed Store, 168 Second St., Derry, Pa.  
 McCabe Grain Company, Ltd., 409 Grain Exchange Building, Winnipeg, Manitoba, Canada  
 O. Kenneth McCracken, 2 New Charlotte St., Manheim, Pa.  
 J. McGrane, 912-917th N. 47th St., Philadelphia 31, Pa.  
 McKean Farm Service, 9 East Avenue, McKean, Pa.  
 McKean's Pet Food Company, Lackawaxen, Pa.  
 McNaughton Milling Company, New Alexandria, Pa.  
 The McNeal Edwards Company, Inc., Reedville, Va.  
 MacKnight's G.L.F. Service, North St., Westfield, Pa.  
 Magnatonic Products, Inc., New Knoxville, Ohio  
 Mahoning Valley Milling Company, 318 Indiana St., Punxsutawney, Pa.  
 Maidencreek Feed & Supply, Blandon, Pa.  
 W. H. Manbeck & Co., Juniata & Parker Sts., Mifflin, Pa.  
 Manchester Grange, Inc., Emigsville, Pa.  
 W. E. Manifold & Sons, Fawn Grove, Pa.  
 The Manitoba Sugar Company, Ltd., Winnipeg, Manitoba, Canada  
 Henry T. Mann, Silverdale, Pa.  
 Maple Leaf Mills, Ltd., 309 Dominion Bank Building, Toronto, Canada  
 R. H. Marberger, Bernville, Pa.  
 Mar-Gro Manufacturing & Supply Co., R. D. 2, Lancaster, Pa.  
 Marine & Animal By-Products Corp., Woolworth Building, New York 7, N. Y.  
 Marion Center Milling Company, Marion Center, Pa.



Marion Cotton Oil Company, P. O. Box 900, Marion, S. C.  
 Marion Milling Co., 185 N. Prospect St., Marion, O.  
 Marnat Packing Co., P. O. Box 80, Bennettsville, S. C.  
 Marshall's Feed Mill, 313 Broad St., Horseheads, N. Y.  
 Marsteller Grains, Inc., Macungie, Pa.  
 Martin Sales Co., 3128 Goodard Road, Toledo, O.  
 Martin's Elevator, Inc., R. D. 4, Hagerstown, Md.  
 Martin's Feed Mill, R. D. 3, Ephrata, Pa. 17522  
 Martin's Feed Mills, Inc., New Paris, Ind.  
 Martinsburg Milling Co., 106 S. Railroad St., Martinsburg, Pa. 16662  
 Marzen Feed Store, R. D. 3, Lehigh, Pa.  
 Mascot Dog Food Co., 500 North Dearborn St., Chicago 10, Ill.  
 Mase & Schanbacher, Liberty, Pa.  
 Mathews Flour & Feed Mill, Jones Mills, Pa.  
 Robert J. Matthews Co., 2800 Lee Avenue, N. W., Canton, O.  
 Mauser Feed & Grain Corp., 480 Delaware Avenue, Palmerton, Pa.  
 Mauser Mill Co., Treichlers, Pa.  
 Mavar Shrimp & Oyster Company, Inc., P. O. Box 487, Biloxi, Miss.  
 Maxton Oil & Fertilizer Co., Maxton, N. C.  
 May-Co Supply Company, Inc., P. O. Box 130, Wrightsville, Pa.  
 Mayer Feed Concentrates, Inc., P. O. Box 1067, Salisbury, Md.  
 A. C. Mayer, Mt. Joy, Pa.  
 Mayflower Mills, 931 Leesburg Road, Fort Wayne 1, Ind. 46801  
 Maytown Vitamin & Minerals Co., 4 North River St., Maytown, Pa.  
 Mazeppa Mills, R. D. 2, Lewisburg, Pa.  
 The Meat Products Co., Denison Avenue & Jennings Road, Cleveland, O.  
 Mechanicsburg Milling Co., East Allen St., Mechanicsburg, Pa.  
 Meiser's Feed Mill, Richfield, Pa.  
 Meiserville Milling Co., Mt. Pleasant Mill, Pa.  
 Dr. Melody D.V.M. Associates, Dublin, Pa.  
 Mencer's Farm Supply Store, 216 Market St., Jersey Shore, Pa.  
 A. L. Menges Company, Menges Mills, Pa.  
 Menhaden Company, Inc., Reedville, Va.  
 The Mennel Milling Co., P. O. Box 189, 128 West Crocker St., Fostoria, O.  
 The Mercer Milling Co., 120 McKinley Avenue, Mercer, Pa.  
 Messner Brothers, R. D. 1, East Earl, Pa.  
 Metzler's Feed Mill, Bowmansdale, Pa.  
 O. W. Meyer Laboratories, 651 Filmore St., Napoleon, O.  
 Michigan Agricultural Co., 5338 N. 28th St., Richland, Mich.  
 Middleburg Rendering Works, Middleburg, Pa.  
 Middlebury G.L.F. Service, Middlebury Center, Pa.  
 Mid-Eastern Molasses Corp., 27 Fulton St., Freehold, N. J.  
 Midland Milling & Supply Co., 850 Railroad Lane, Midland, Pa.  
 Midland-Western, Inc., 160 West Spruce St., Reading, Pa.  
 Midway Mills, R. D. 5, Lebanon, Pa.  
 Midwest Brewers Yeast Corp., 4251A Gaslight Square, St. Louis 8, Mo. 63108  
 Midwest Dried Milk Co., P. O. Box 278, 106 West Main St., Dundee, Ill.  
 Mifflinburg Farmers Exchange, Inc., North 8th St., Mifflinburg, Pa.  
 S. E. Mighton Company, 150 Northfield Road, Bedford, O.  
 Milk Specialties, Inc., Water & Illinois St., Dundee, Ill.  
 H. E. Millard Mills, Div. of H. E. Millard Lime & Stone Co., Annville, Pa.  
 Millburn Feed Company, Inc., 378 Millburn Avenue, Millburn, N. J.  
 Miller & Bushong, Inc., 711 Rohrerstown Road, Rohrerstown, Pa.  
 Miller Feed & Coal Co., North Second St., Conneaut Lake, Pa.  
 Miller Feed & Implement Co., Stewartstown, Pa.  
 Miller High Life Grain Co., 4000 West State St., Milwaukee, Wis.  
 Miller Rendering Co., R. D. 1, New Stanton, Pa.  
 Miller & Stitely, R. D. 1, Felton, Pa.  
 H. H. Miller, 5810 Jonestown Road, Harrisburg, Pa.  
 Roy E. Miller, 4435 Plain Center Road N. E., Canton, O.  
 Millport Roller Mills, R. D. 4, Lititz, Pa.  
 Milroy Feed & Grain Co., P. O. Box 547, Milroy, Pa.  
 Miner-Hillard Milling Co., 1016 First National Bank Building, Wilkes-Barre, Pa.  
 Minnesota Grain Pearling Co., Cannon Falls, Minn.  
 Minnesota Linseed Oil Co., 25 44th Avenue N. E., Minneapolis 21, Minn.  
 Minter City Oil Mill, Minter City, Miss.  
 Mitchell Milling Co., 229 Leavy Avenue, Clearfield, Pa.  
 M & M Farm Supply Corp., Virginville, Pa.  
 Mock Seed Co., 13th & Smallman Sts., Pittsburgh 30, Pa.  
 Molson's Brewery (Ont) Ltd., 640 Fleet Street, W., Toronto, Ontario, Canada  
 Monsanto Chemical Company, 800 N. Lindberg, St. Louis 66, Mo. 63166  
 Montgomery-Bucks Farm Bureau Coop. Assn., 67 Washington Avenue, Souderton, Pa.  
 Geo. Q. Moon & Company, Inc., 201 Chenango St., Binghamton, N. Y.  
 Moorman Manufacturing Company, Quincy, Ill.  
 Morgan Packing Co., Inc., Highway 31, Austin, Ind.  
 Morgantown Feed & Grain, Inc., Morgantown & Stevens, Pa.  
 Morral Farm Supply, R. D. 3, Everett, Pa.  
 John Morrell & Company, 208 S. LaSalle St., Chicago, Ill. 60604  
 The Emory Morse Company, 84 Cherry St., Guilford, Conn.  
 Morton Salt Company, 110 N. Wacker Drive, Chicago 6, Ill.  
 O. W. Mosteller, Chester Springs, Pa.  
 Mount Carbon Brewery, 716 S. Centre St., Pottsville, Pa.  
 Mountville Feed Service, R. D. 2, Columbia, Pa. 17512  
 Mowat, Wilson & Company, 15325 W. Seven Mile Road, Detroit 35, Mich.  
 C. D. Moyer Markets, Silverdale, Pa.  
 Moyer & Son, 37 North Main St., Souderton, Pa.  
 Mt. Vernon Milling Co., Mt. Vernon, Ind.  
 A. A. Mudge & Sons, Afton, N. Y.  
 W. L. Mummert Company, 6 Pine St., Hanover, Pa.  
 Mundis Mills, Inc., Emigsville, Pa.  
 Mundis Mills, Inc., R. D. 5, York, Pa.  
 Mundis Supply Company, South Main St., Dover, Pa.  
 Murphy & Clouse Feed Mill, Boiling Springs, Pa.  
 Musselman Division, Pet Milk Company, Biglerville, Pa.  
 Mutual Products Company, 509 N. Fourth St., Minneapolis, Minn.

Mutual Rendering Company, Ontario St., & Delaware River, Philadelphia 34, Pa.  
 Myers & Fitz, North Carlisle St., Greencastle, Pa.  
 Myzon Laboratories, 3129 W. 47th St., Chicago 32, Ill.  
 Nappanee Milling Company, Inc., 301 S. Jackson St., Nappanee, Ind.  
 Narrowsburg Feed & Grain Company, Box 185, Narrowsburg, N. Y.  
 National Alfalfa Dehydrating & Milling Co., P. O. Box 5839, 4010 Washington St., Kansas City 11, Mo.  
 National Biscuit Company, 425 Park Avenue, New York 22, N. Y.  
 National Biscuit Company, 6425 Penn Avenue, Pittsburgh 6, Pa.  
 National Biscuit Company, 2221 Front St., Toledo, O.  
 National Cooperatives, Inc., Albert Lea, Minn.  
 National Distillers Products, Div. of National Distillers & Chemical Corp., 120 Section Rd., Cincinnati, O.  
 National Malting Company, 9-11 Ann St., Paterson, N. J.  
 National Molasses Company, Willow Grove, Pa.  
 National Oats Company, 1515 H Avenue N. E., Cedar Rapids, Iowa  
 National Packing Corp., 235 Bear Hill Road, Waltham, Mass.  
 National Starch & Chemical Corp., 1515 S. Drover St., P. O. Box 1299, Indianapolis 6, Ind.  
 The National Sugar Refining Company, 100 Wall St., New York, N. Y.  
 National Vitamin Products Co., 3401 Hiawatha Avenue, Minneapolis, Minn.  
 Lawrence Nease, Dover, Pa.  
 Nebraska Processors, Inc., P. O. Box 694, Fremont, Neb.  
 H. W. Neiger Milling Co., Lake City & East Springfield, Pa.  
 Nelson's Feed & Supply Company, Inc., Lackawaxen, Pa.  
 I. H. Nester & Company, 5236 Roosevelt Boulevard, Philadelphia 24, Pa.  
 Neumond, Inc., 120 Merchants Exchange Bldg., 5100 Oakland Avenue, St. Louis, Mo.  
 Neuweiler Brewing Corp., T/A Louis F. Neuweiler's Sons, 401-53 N. Front St., Allentown, Pa.  
 New Castle Grocery Co., 310-312 Produce St., New Castle, Pa.  
 The New Century Co., 3939 S. Union Avenue, Chicago 9, Ill. 60609  
 New England By-Products Corp., 28 Church St., Winchester, Mass.  
 New Jersey Flour Mills Co., 1-11 Chester St., Clifton, N. J.  
 New Yorker Cheese Co., Delaware Avenue & Vine St., Philadelphia 6, Pa.  
 Nickel Plate Mills, Inc., 1901 Parade St., Erie, Pa.  
 9-Lives Pet Food Company, 582 Tuna St., Terminal Island, Calif.  
 Nittany Valley Feed & Grain Co., R. D. 2, Bellefonte, Pa.  
 C. O. Nolt & Son, Bird-In-Hand, Pa.  
 Nopco Chemical Co., 60 Park Place, Newark, N. J.  
 The North American Trading & Import Co., 1429 Walnut St., Philadelphia 2, Pa.  
 North Penn Hide Company, Inc., Callowhill St., Elizabethville, Pa.  
 Northampton Farm Bureau Coop. Assn., Bushkill Drive, Tatamy, Pa.  
 Northern Ohio Sugar Co., 1530 Sixteenth St., Denver, Colo.  
 Norton & Company, 127 Madison St., Alexandria, Va.  
 Nufeds, Inc., Box 28, South Montrose, Pa.  
 Nutritional Research Associates, Inc., South Whitley, Ind.  
 O'Brien Milling Co., Waterford, Pa.  
 Oelwein Chemical Company, Inc., Second Avenue, S. E., Oelwein, Iowa  
 P. J. Oesterling & Son, Inc., 354 E. Jefferson St., Butler, Pa.  
 The Ogilvie Flour Mills Co., Ltd., 1960 Sun Life Building, Montreal, Quebec, Canada  
 Ohio Blenders, Inc., 2404 Summit St., Toledo 11, Ohio 43611  
 Old Port Milling Co., Port Royal, Pa.  
 Oliger Seed Company, 2705 Wingate Avenue, Akron 14, O.  
 Olin Mathieson Chemical Corp., 10 Light St., Mathieson Building, Baltimore 3, Md.  
 Orleans Canning Co., 18 S. Michigan Avenue, Chicago 3, Ill.  
 Orleans Dog Candy Co., 18 S. Michigan Avenue, Chicago, Ill.  
 Orndoff & Stone, Everett, Pa.  
 Osceola Fruit Distributors, Main & Vine Sts., Kissimmee, Fla.  
 Osceola Products Co., Osceola, Ark.  
 M. T. Osmun & Son, La Plume, Pa.  
 Joseph Otto, 47 Wall St., North East, Pa.  
 Owensboro Grain Co., Inc., Box 1117, Owensboro, Kentucky  
 Owings Brothers of York, Inc., 739 W. Philadelphia St., York, Pa.  
 Pabst Brewing Co., 917 W. Juneau Avenue, Milwaukee, Wis.  
 Pacific Molasses Co., 215 Market St., San Francisco, Calif.  
 Palmer Feed Company, Linesville, Pa.  
 Palmetto Oil Co., P. O. Box 426, Nettles St., Bishopville, S. C.  
 J. D. Palm's Mill, R. D. 2, Port Royal, Pa.  
 Palmyra Feed & Grain Co., 413 N. Railroad St., Palmyra, Pa.  
 Pan Pacific Fisheries, Inc., 350 Sardine St., Terminal Island, Calif.  
 Paperman's Market, Inc., 187 City Avenue, Bala Cynwyd, Pa.  
 Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Ontario, Canada  
 Pasco Packing Co., P. O. Box 97, Dade City, Fla. 33525  
 Paterson Tallow Company, Inc., P. O. Box 1705, Paterson, N. J.  
 Lee Patten Seed Company, 360 Ninth St., Jersey City 2, N. J.  
 William P. Paul & Company, R. D. 2, Box 23, Mt. Pleasant, Pa.  
 Peavey Company Flour Mills, Grain Exchange Building, Minneapolis 15, Minn.  
 Peck's Feed Mill, Blairs Mills, Pa.  
 Pen Argyl Milling Company, Inc., P. O. Box 96, Pen Argyl, Pa.  
 Penick & Fort Ltd., Inc., Cedar Rapid, Iowa  
 Penn Dairies, Inc., 572 N. Queen St., Lancaster, Pa.  
 Penn Dutch Supply Co., Inc., Sub. New Holland Supply Co., Inc., Diller Avenue, New Holland, Pa.  
 Penns Creek Flour & Feed Mills, R. D. 2, Spring Mills, Pa.  
 Pennsylvania Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.  
 Pennsylvania Hide & Rendering Co., Div. of Van Iderstine Co., P. O. Box 127, Avoca, Pa.  
 Pennsylvania Horse Products Co., Inc., Box 2, New Bloomfield, Pa.  
 Penton Company, 125 E. Chestnut Street, Hanover, Pa.  
 Peoples Drug Stores, Inc., 60 Florida Avenue, N. E., Washington, D. C.  
 John J. Pepin & Company, 314 Cotton Exchange Building, Memphis, Tenn.  
 A. W. Perdue & Son, Inc., P. O. Box 590, Salisbury, Md.  
 Perlo Foods Company, Whitaker & Cayuga Sts., Philadelphia, Pa.  
 Perry Distributors, Inc., Geneva St., Lyons, N. Y.  
 Perropolis Feed & Supply Company, Inc., R. D. 2, Box 26, Perryopolis, Pa.  
 Perrysburg Alfalfa Mills, Inc., P. O. Box 187, Perrysburg, Ohio 43551  
 Pet Foods, Inc., 79-19 71st Avenue, Glendale 27, N. Y.  
 Pet Kitchens, Inc., 315 Geo. M. Cohan Boulevard, Providence, Rhode Island  
 Petburger Products, Farm to Market Road, Canastota, N. Y.  
 Petersburg Milling Company, Bessemer, Pa.  
 Petmaster Products Company, 1743 Ludlow St., Philadelphia 3, Pa.



Pet-Mil Food Corporation, 79-19 71st Avenue, Glendale 27, Long Island, N. Y.  
 Chas. Pfizer & Company, Inc., 235 East 42nd St., New York, N. Y.  
 Philadelphia Dry Yeast Co., 157-167 West Oxford St., Philadelphia 22, Pa.  
 The Philadelphia Seed Company, Inc., Arch & Front Sts., Philadelphia 5, Pa.  
 Phillips Roxane Div., Thompson Hayward Chemical Co., 5200 Speaker Road, Kansas City, Kansas  
 Phillips Feed Service, Inc., Germansville, Pa.  
 Phoenix Food Company, R. D. 1, Phoenixville, Pa.  
 Pierce Grain Corp., 1040 Seneca St., Buffalo 10, N. Y.  
 Pike County Feed & Supply Co., Lackawaxen, Pa.  
 The Pillsbury Company, Pillsbury Building, Minneapolis, Minn.  
 The Pillsbury Co., Feed Div., 1170 Pillsbury Building, Minneapolis, Minn.  
 Planters Cotton Oil & Fertilizer Co., Box 912, Rocky Mount, N. C.  
 Pittsburgh Brewing Company, 3340 Liberty Avenue, Pittsburgh 1, Pa. 15201  
 Pittsburgh Plate Glass Co., 118 Main St., Red Wing, Minn.  
 Pittsburgh Tallow & Hide Company, P. O. Box 19, Groveton, Pa.  
 L. C. Plank, R. D. 1, Biglerville, Pa.  
 Planters Cotton Oil Co., 1004 Cokey Road, Box 912, Rocky Mount, N. C.  
 Planters Manufacturing Co., Box 733, Clarksdale, Miss.  
 Planters Peanuts, Div. of Standard Brands, Inc., P. O. Box 1460, Suffolk, Va.  
 Frank Platt & Co., Main Street, Spartansburg, Pa.  
 Pleasant Valley Roller Mills, R. D. 1, Box 384, Leesport, Pa.  
 Pollio Dairy Products Corp., Campbell, N. Y.  
 Portville G.L.F. Service, Mill St., Shinglehouse, Pa.  
 Post Div., General Foods Corp., 275 Cliff St., Battle Creek, Mich.  
 Potomac Creamery Company, Inc., Jefferson & Willard Sts., Hagerstown, Md.  
 Pottstown Roller Mills, South & Hanover Sts., Pottstown, Pa.  
 Pottsville Feed Company, 437-439 N. Railroad St., Pottsville, Pa.  
 Power Protein, Inc., 948 West Main St., Troy, O.  
 Preston's, Inc., P. O. Box 98, Canton, Pa.  
 John Price & Company, Whitaker & Cayuga Sts., Philadelphia, Pa.  
 The Price-Wilhoite Company, P. O. Box 430, Frederick, Md. 21701  
 Pride, Inc., 4408-10 Fairmount Avenue, Philadelphia, Pa.  
 Pride Industries, Inc., 4408-10 Fairmount Avenue, Philadelphia 4, Pa.  
 Pride Packing Company, Inc., 4408-10 Fairmount Avenue, Philadelphia 4, Pa.  
 Pride of the Valley Mills, Inc., Spring Valley, N. Y.  
 Prim Packing Co., 217 Third St., McDonald, Pa.  
 Pringle Feed Store, 29 Franklin St., Greenville, Pa.  
 Pritts Feed & Supply Co., Smithton, Pa. 15479  
 Pritts Feed Mills, Inc., 26 East Main St., Mt. Pleasant, Pa. 15666  
 Pro-Ganic, Inc., R. D. 2, New Wilmington, Pa.  
 The Proctor & Gamble Distributing Co., P. O. Box 599, Cincinnati, O. 45201  
 Provico Feed & Concentrates, Railroad St., Botkins, O.  
 Provimi, Inc., 435 President St., Saddle Brook, N. J.  
 Publicker Industries, Inc., 1429 Walnut St., Philadelphia 2, Pa.  
 Purity Flour Mills, Inc., R. D. 1, Mill Hall, Pa.  
 Pussy Cat Food Corp., 530 Gardner Avenue, Brooklyn 22, N. Y.  
 Quaker City Packing Company, Inc., 104 Union St., Allentown, Pa.  
 The Quaker Oats Company, Merchandise Mart Plaza, Chicago 54, Ill.  
 The Quaker Oats Company of Canada, Ltd., Peterborough, Saskatoon, Canada  
 Ralston Purina Company, 835 S. Eighth St., St. Louis, Mo.  
 The W. T. Rawleigh Co., 223-225 E. Main St., Freeport, Ill.  
 Reading Bone Fertilizer Co., P. O. Box 232, Reading, Pa.  
 Reading Brewing Company, 9th & Laurel Sts., Reading, Pa.  
 Reading Milling Company, 1847 Centre Avenue, Reading, Pa.  
 Reading Poultry Food Co., Orrton & Noble Sts., Reading, Pa.  
 Re-Dan Packing Company, Inc., 70-10 74th St., Middle Village, N. Y. 11379  
 Red Bank Mills, New Bethlehem, Pa.  
 Red Heart Div., John Morrell & Co., 208 S. LaSalle St., Chicago, Ill.  
 Red Lion Milling Company, P. O. Box 87, Red Lion, Pa.  
 Red Star Yeast & Products Co., 221 E. Buffalo St., Milwaukee 1, Wis.  
 Reece & Greenly Co., Main St., Millville, Pa.  
 Reed Milling Co., Brookville, Pa.  
 A. F. Rees, Box 177, Center St., Greencastle, Pa.  
 H. B. Reese Candy Co., Hershey, Pa.  
 Robert A. Reichard, Inc., 19th & W. Lawrence Sts., Allentown, Pa.  
 C. W. Reigle Sons, Paxtonville, Pa.  
 J. H. Reitz & Son, Millway, Pa.  
 Reliance Chemical Corp., P. O. Box 19343, 12405 Sowden Road, Houston, Texas  
 F. W. Renner & Sons, Inc., 1866 Sherrick Road S. E., Canton, O.  
 Rhoads Mills, Inc., P. O. Box 24, Selinsgrove, Pa.  
 Richfield Feed Mill, Richfield, Pa.  
 Richland Feed Company, Richlandtown and Perkasio, Pa.  
 Richmond Elevator Co., Richmond Furnace, Pa.  
 Riegel's Feed & Grain, Durham, Pa.  
 J. S. Riley & Company, 910 Moravia St., New Castle, Pa.  
 Rival Packing Company, Div. Associated Products, Inc., 4500 S. Tripp Avenue, Chicago 32, Ill.  
 River Brand Rice Mills, Inc., P. O. Box 10167 McKellar Station, Memphis, Tenn.  
 R-K-D Associates, 844 Main St., West Valley, N. Y.  
 Roanoke City Mills, Inc., P. O. Box 1280, Roanoke, Va.  
 Roberts Feed Mills, 631 River St., Peckville, Pa.  
 Robie Meat Packers, 1608 Parade St., Erie, Pa.  
 Robin Hood Flour Mills, Ltd., Moose Jaw, Saskatchewan, Canada  
 H. Rockwell & Son, Troy St., Canton, Pa.  
 Rockingham Poultry Marketing Coop., Inc., Broadway, Va.  
 Rodan Foods Company, Inc., R. D. 3, Allentown, Pa.  
 Rohloff Brothers, Inc., R. D., Graytown, O.  
 Rohm's Feed Mill, Breezewood, Pa.  
 Ben Rosenberg, Inc., 600 N. Second St., Philadelphia, Pa.  
 Ross H. Rohrer & Sons, R. D. 3, Quarryville, Pa.  
 Rome Oil Mill Div., Hunt Foods & Industries, Inc., E 12th St., Rome, Ga.  
 Ross Brothers, Kingsley, Pa.  
 Roth Milling Company, Prospect, Pa.  
 Roup's Mill, R. D. 2, Danville, Pa.  
 Richard E. Rover Company, 117 Herman St., East Rutherford, N. J.  
 Ryde & Company, 3939 S. Union Avenue, Chicago 9, Ill.

Sacramento Roller Mills, Sacramento, Pa.  
 Safway Stores, Inc., 510-16th Street, Oakland 4, Calif.  
 St. Ansgar Grain & Feed Company, St. Ansgar, Iowa  
 Salada Foods, Inc., P. O. Box 1471, Plant City, Fla.  
 Dr. Salsbury's Laboratories, 500 Gilbert St., Charles City, Iowa  
 Burton Salsman, R. D. 2, Laceyville, Pa.  
 Sandy Lake Mills, Sandy Lake, Pa.  
 Saskatchewan Wheat Pool (Terminal #8), Fort William, Ontario, Canada  
 Satisfido Pet Food Company, 7108 Llanfair Road, Upper Darby, Pa.  
 C. E. Sauder & Sons, East Earl, Pa.  
 Earl Sauder, 115 S. Railroad Avenue, New Holland, Pa.  
 Wm. G. Scarlett & Company, 632 President St., Baltimore 2, Md. 21202  
 Schappal Feed Store, Barnesville, Pa.  
 Walter S. Schell, Inc., 10th & Market Sts., Harrisburg, Pa.  
 Schenley Distillers, Inc., 1290 Avenue of the Americas, New York 1, N. Y.  
 Jos. Schlitz Brewing Company, 235 W. Galena St., Milwaukee, Wis.  
 The Wm. Schluderberg-T. J. Kurdle Company, 3800 E. Baltimore St., Baltimore, Md.  
 C. Schmidt & Sons, Inc., 151 W. Marshall St., Norristown, Pa.  
 Walter L. Schoemaker, R. D. 1, Orefield, Pa.  
 Schoeneck Farms, Inc., R. D. 3, Nazareth, Pa.  
 Schreier Malting Company, 704 South 15th St., Sheboygan, Wis.  
 Schwab Brothers Mills, Inc., New Bavaria, O.  
 Scranton Processing Company, Inc., 100 S. Wyoming Avenue, Scranton, Pa.  
 Seaboard Allied Milling Company, 1550 W. 29th St., Kansas City, Mo. 64108  
 Seaboard Seed Company, 701 S. Front St., Philadelphia 47, Pa.  
 Sea Board Supply Co., 35th & Grays Ferry Avenue, Philadelphia 46, Pa.  
 Sea Born Div., Skod Company, Greenwich, Conn.  
 Sea-Born Mineral Div., Skod Company, 15 East Elm St., Greenwich, Conn.  
 Seacoast Products, Inc., Fort Miles Road, Lewes, Del.  
 Joseph E. Seagram & Sons, Inc., 375 Park Avenue, New York 22, N. Y.  
 Sealtest Foods, Wisner St., Frederick, Md.  
 Sear, Roebuck & Company, Department 733-B, 925 S. Homan Avenue, Chicago 7, Ill.  
 I. B. Secrist Sons, Millerstown, Pa.  
 Seed Specialists, Inc., 1218 Smallman St., Pittsburgh, Pa.  
 Segal's Feed & Supply Co., 790 S. Swanson St., Philadelphia, Pa.  
 Leroy M. Sensenig, R. D. 3, Ephrata, Pa.  
 Shaffer's Mobile Feed Service, Monroeton, Pa.  
 Blaine E. Shambaugh, Blain, Pa.  
 Shamokin Packing Company, 601 Stevens St., Shamokin, Pa.  
 Shanaman, Inc., Broad St., Honey Brook, Pa.  
 Shank's Mill, R. D. 4, Waynesboro, Pa.  
 Shank's Mill, Emmitsburg, Md. and Fairfield, Pa.  
 D. H. Sharrer & Son, Route 2, New Oxford, Pa.  
 Sharrer's Feed & Grain Company, Littlestown, Pa.  
 G. Farrow Shaw, New Market, Va.  
 B. F. Sheesley & Son Company, 5100 Jonestown Road, Harrisburg, Pa.  
 H. K. Shenk, Sheridan, Pa.  
 The Sherwin-Williams Company, 101 Prospect Avenue, N. W., Cleveland, O.  
 Sherwood Feed Mills, Inc., 801 Eastern Avenue, Baltimore 2, Md. 21202  
 Shmidheiser's, P. O. Box 96, 45 Limekiln Pike, Edgehill, Glenside, Pa.  
 M. L. Shoemaker, Div. of Wilson & Co., Inc., Delaware Ave. & Venango St., Philadelphia 34, Pa.  
 Shohola Feed & Grain Co., Shohola, Pa.  
 Shuchart Feed & Supplies Co., Bank Lane, Hanover, Pa.  
 R. C. Shuchart, Inc., New Freedom, Pa.  
 Clarence M. Shuey, R. D. 2, Annville, Pa.  
 Donald S. Sidle, Bowmansdale, Pa.  
 John T. Sidle, R. D. 2, Shippensburg, Pa.  
 Simmons Milk Products, Inc., 28 E. Jackson Boulevard, Chicago 4, Ill. 60604  
 Simpson Brothers, 204 W. Marshall St., Norristown, Pa.  
 Skelton's Farm Feed & Supply Co., 133 Market St., Moscow, Pa.  
 Skinner's Eddy Coop. G.L.F. Service, Inc., Skinners Eddy, Pa.  
 Allen V. Smith, Inc., Marcellus Falls, N. Y.  
 Smith-Douglass Company, Inc., P. O. Box 419, 5100 Va. Beach Boulevard, Norfolk, Va.  
 J. Howard Smith, Inc., Shore Road, Port Monmouth, N. J.  
 Smith Milling Company, 100 W. Water Street, Mount Union, Pa.  
 R. A. Smith Milling Company, 602 E. 21st St., Northampton, Pa.  
 Smith's Feed Mills, Blain and Newport, Pa.  
 Smith's Mill, R. D. 2, Danville, Pa.  
 B. C. Snider & Sons, Williamson & Mercersburg, Pa.  
 Snook's Mill, Inc., 111 Mill St., Mifflinburg, Pa.  
 Snyder Brothers, R. D. 2, Bethlehem, Pa.  
 Snyder Milling Company, 435 S. Main St., Nazareth, Pa.  
 Estate of Geo. S. Snyder, Inc., 37 Market St., Hatfield, Pa.  
 G. S. Snyder, Brodbeck's, Pa.  
 Somerset Milling Company, 302 Stoyestown Road, Somerset, Pa.  
 Southern Cotton Oil Div., Hunt Foods & Industries, Inc., P. O. Box 646, Macon, Ga.  
 Southern Fruit Distributors, Inc., P. O. Box 8367, Pinelock Avenue, Orlando, Fla.  
 Spangler & Sprengle, Inc., South Seward Street & W. M. R. R., York, Pa.  
 Spangler's Flour Mills, Inc., 811 S. 32nd Street, Box 425, Camp Hill, Pa.  
 Spangler's Flour Mills, Inc., (of Mount Joy) Mount Joy, Pa.  
 A. A. Spannuth & Sons, R. D. 1, Myerstown, Pa.  
 Special Diet Department, Atlas Canine Products, Inc., 79-36 Cooper Avenue, Glendale, Long Island, N. Y.  
 Special Diet Division, B. A. Bernard & Co., Inc., 200 S. 6th St., Camden, N. J.  
 Special Products, Inc., Box 114, Waldo, Wis.  
 Spencer Milling Company, Thompson, Pa. 18465  
 Spitzler's Meal Products, Inc., 477 N. Gallatin Avenue, Uniontown, Pa.  
 Sportsman Dog Food Co., 4235 W. 45th St., Chicago 32, Ill.  
 Eugene P. Spotts, R. D. 2, Honey Brook, Pa.  
 E. O. Sprengle & Son, Hellam, Pa.  
 Spring Garden Mill, Newtown, Pa.  
 Springville Coop. G.L.F. Service, Inc., Springville, Pa.  
 Stabilized Vitamins Div., Commercial Solvents Corp., 142 Monroe St., Garfield, N. J.  
 Stagno's Bakery, 6213 Hoeveler St., Pittsburgh 6, Pa.  
 A. E. Staley Manufacturing Co., 22nd & Eldorado Sts., Decatur, Ill.  
 LeRoy T. Stammel, 5400 Jonestown Road, Harrisburg, Pa.



Standard Brands, Inc., 625 Madison Avenue, New York 22, N. Y.  
 Standard Milling Company, 1009 Central St., Kansas City, Mo.  
 Standard Products Company, Inc., White Stone, Va.  
 Stanford Seed Company, 560 Fulton St., Buffalo, N. Y.  
 Star-Kist Foods, Inc., 582 Tuna St., Terminal Island, Calif.  
 Stark Feed Mills, Massillon, O.  
 J. P. Stark & Son, R. D. 2, Tarentum, Pa.  
 Starner Grain & Feed, Hampton, Pa.  
 H. M. Stauffer & Sons, Inc., Witmer, Ronks & Leola, Pa.  
 J. K. Stauffer & Son, Lawn and Bellaire, Pa.  
 Stegmaier Brewing Company, 152 E. Market St., Wilkes-Barre, Pa.  
 Stehr Brothers, R. D., Pitman, Pa.  
 Stein Packers, Ltd., 208 Cavan St., Port Hope, Ontario, Canada  
 Sterners Grocery, Inc., 400 York St., Hanover, Pa. 17331  
 Jesse C. Stewart Company, 300 Mt. Lebanon Boulevard, Pittsburgh 34, Pa.  
 Stewartstown Milling Company, Inc., Stewartstown, Pa.  
 D. A. Stickell & Sons, Inc., P. O. Box 110, 67 W. Baltimore St., Hagerstown, Md.  
 F. W. Stock & Sons, Inc., Bacon St., Hillsdale, Mich. 49242  
 Stockton's Wholesale Meats, R. D. 1, Columbus, Pa.  
 Edwin F. Stover Estate, 140 N. Seventh St., Perkaspie, Pa.  
 G. H. Stover's Feed Mill, Centre Hall, Pa.  
 Straub Brewery, Inc., 303 Sorg St., St. Marys, Pa.  
 Strauby's Feed Mill, Weissport, Pa.  
 Strongheart Packing Company, 208 S. LaSalle St., Chicago, Ill. 60604  
 Sturdy Dog Food Company, 2103 W. Genesee St., Syracuse, N. Y.  
 Styer's Nurseries, Concordville, Pa.  
 Suffolk Oil Mills, Inc., Bank Street Extension, Suffolk, Va.  
 Sunday Dinner Dog Food Company, R. D. 2, Sinking Spring, Pa.  
 Sunday's Mill Company, P. O. Box 274, Carlisle, Pa.  
 Suni-Citrus Products Company, Haines City, Fla.  
 Sunny Slope Farms, Inc., Box 69, R. D. 2, Nazareth, Pa.  
 Sunshine Biscuits, Inc., Milling Division, Grafton, O.  
 Sunshine Brewing Company, West Elm & Gordon Sts., Reading, Pa.  
 Supersweet Feeds, Div. of International Milling Company, Inc., 1200 Investors Bldg., Minneapolis, Minn.  
 Swift & Company, Chicago, Ill.  
 Swingle Brothers, Lake Ariel, Pa.  
 Syracuse Dehydrated Products, Syracuse, Ind.  
 The Tanvilac Company, Inc., 6th & Corning Avenues, Des Moines, Iowa  
 Berwin A. Taylor Jr., R. D. 2, Bradford Hills, Downingtown, Pa.  
 J. V. Taylor Company, Wyalusing, Pa.  
 Tekland, Inc., P. O. Box 348, Monmouth, Ill.  
 W. M. Templeton & Sons, 119 W. Pike St., Houston, Pa.  
 Tennessee Corporation, 617-29 Grant Building, Atlanta, Ga.  
 Terry Lee Products, 244 S. Fairview Avenue, St. Paul 5, Minn.  
 The Theobald Industries, Foot of Sanford Avenue, Kearny, N. J.  
 Bruce Thomas, R. D. 1, Berwick, Pa.  
 Thomas Feed Mill, R. D. 2 on U. S. Route 219, Holsopple, Pa.  
 Thompson & Mateja, West Middlesex and New Wilmington, Pa.  
 W. B. Thompson & Son, Waynesboro, Pa.  
 The Thorobred Company, Inc., P. O. Box 313, Waynesville, O.  
 Thrift Feed Mills, Inc., Doylestown and Wycombe, Pa.  
 Thriftway Foods, Inc., Box 2800, King of Prussia, Pa.  
 Thrifty Dog Food, 501 Saxer Avenue, Springfield, Pa.  
 Thrifty Dog Foods, 810 W. Second St., Chester, Pa.  
 Thribo Company, Inc., 919 N. Front St., Philadelphia 23, Pa.  
 Timco Pet Foods, Div. of Timerson Canning Company, Inc., Fair Haven, N. Y.  
 Tioga Mills, Inc., Box 150, Waverly, N. Y.  
 Titanium Ores Corporation, 8403 Georgia Avenue, Silver Spring, Md.  
 Titusville Coop. G.L.F. Service, Inc., 220 S. Monroe St., Titusville, Pa.  
 E. H. Tolzman & Sons, Inc., R. D. 1, Box 85, Harford Road, Hydes, Md.  
 Topco Associates, Inc., 431 S. Dearborn St., Chicago 5, Ill.  
 Leonard M. Torrey, Townville, Pa.  
 Town & Country Products, 1072 West Side Avenue, Jersey City 6, N. J.  
 Town Food Market, 1935 Spruce St., Philadelphia, Pa.  
 Townsends, Inc., Millsboro, Del.  
 Toyo Shoji Company, Ltd., P. O. Box 141, Tokyo, Japan  
 Trader's Hardware & Feed Center, 285 Washington St., East Stroudsburg, Pa.  
 Anthony J. Trasco, Dushore, Pa.  
 Trexler Farms, Route 81, Springhouse Road, Allentown, Pa.  
 Tri Associates, Inc., 8500 Pillsbury Avenue, South, Minneapolis 20, Minn.  
 Tri-County Mink Food, Inc., R. D. 1, Emmaus, Pa.  
 Tri Foods Company, 204 Gordon St., Concordia, Mo.  
 Tri River Fur Farmers, Inc., R. D. 2, Eighty Four, Pa.  
 Tropicana Products, Inc., P. O. Box 338, Bradenton, Fla.  
 Troutman's Feed & Grain, R. D. 1, Dornsife, Pa.  
 Troy Cooperative G.L.F. Service, Inc., Troy, Pa.  
 Troy Meat, Inc., Cantor Street, Box 266, Troy, Pa.  
 Samuel O. Trupe, R. D. 1, East Earl, Pa.  
 Tulip, Inc., 3175 W. John F. Kennedy Boulevard, Philadelphia, Pa. 19104  
 Turf & Garden Supply, 754 Tod Avenue, Youngstown, O.  
 Twin Valley Farm Bureau Cooperative Assn., Belleville, Pa.  
 Two Guys from Harrison, 174 Passaic St., Garfield, N. J.  
 Tyrone Milling Company, Box 249, Tyrone, Pa.  
 A. K. Ulsh Company, Inc., P. O. Box 145, Camp Hill, Pa.  
 Ulsh Farm & Home Supply, Port Trevorton, Pa.  
 Ultra-Life Laboratories, Inc., 35th & Walnut Avenue, East St. Louis, Ill.  
 Ulysses Coop. G.L.F. Service, Inc., Lewisville Boro, Ulysses, Pa.  
 Umberger's Mill, Inc., R. D. 4, Lebanon, Pa.  
 Uncle George's Seed Farm, Monsey, N. Y.  
 Union City Coop. Assn., Inc., West High Street Extension, Union City, Pa.  
 Union Sales Corporation Distributor, Union Starch & Refining Co., Inc., 301 Washington St., Columbus,  
 United Baking Company, 2311 Carson St., Pittsburgh 3, Pa.  
 United Creameries, Inc., Middlebury Center, Pa.  
 United Mills, 827 Liberty St., P. O. Box 166, Clarion, Pa.  
 United States Steel Corporation, P. O. Box 117, Buffalo, N. Y. 14240

Universal Grain Company of New Jersey, 425 S. Street, Newark, N. J.  
 Upper Darby Pet Supplies, 6778 Marshall Road, Upper Darby, Pa.  
 George Urban Milling Company, 332 North Oak St., Buffalo 3, N. Y.  
 Usen Canning Company, 209 New Boston St., Woburn, Mass.  
 Valley Farm & Lawn Supply, Mercer Avenue, Sharpsville, Pa.  
 Valley Feed & Supply Company, Inc., Union Road & R. R., Spring Valley, N. Y.  
 Valley Forge Brewing Co., 151 W. Marshall St., Norristown, Pa.  
 Valley Pet Food Company, Div. of Best Feeds & Farm Supplies, Inc., Oakdale, Pa.  
 Van Brode Milling Co., Cameron St., Clinton, Mass.  
 Van Camp Sea Food Company, 840 Van Camp St., Port of Long Beach, Calif.  
 E. W. Vandervort, Clarks Mills, Pa.  
 Vandervort Mills, Inc., 120 Mill St., Laceyville, Pa.  
 The Van Iderstine Company, 37-30 Review Avenue, Long Island City, N. Y.  
 Van-Mar Feeds, Inc., Box 101, Leesport, Pa.  
 VegeFat, Inc., P. O. Box 157, National Stockyards, Ill.  
 Fred Veit & Sons, 731 Downingtown Pike, West Chester, Pa.  
 Verity Mills, Inc., 345 Babcock St., Buffalo, N. Y.  
 Vets' Division of Perk Foods Company, 500 N. Dearborn St., Chicago 10, Ill.  
 Vigortone Products, Inc., 931 Blairs Ferry Road, N. E., Cedar Rapids, Iowa 52406  
 Viking Feeds, Inc., Box 632, 103 S. W. Third Avenue, Des Moines 3, Iowa  
 Vitamineral Products Company, 1522 N. Adams St., Peoria, Ill.  
 Vit-A-Way, Inc., P. O. Box 4311, Fort Worth 6, Texas  
 Vogt's Rendering Works, R. D. 1, Lewistown, Pa.  
 Vornado, Inc., 174 Passaic St., Garfield, N. J.  
 Vose & Sons Supply Company, Route 138, South Easton, Mass.  
 Vylactos Laboratories, Inc., 1901 E. Euclid Avenue, Des Moines, Iowa  
 Earl A. Walbert, R. D. 1, Mertztown, Pa.  
 Walker Brothers, 36 Hood St., Chambersburg, Pa.  
 C. L. Walker & Sons, Elizabethville, Pa.  
 Hiram Walker & Sons, Inc., Foot of Edmund St., Peoria, Ill.  
 Hiram Walker & Sons, Ltd., Walkerville, Ontario, Canada  
 J. C. Walker & Son, Inc., Gap, Pa.  
 Allwin Walls, 138 South Walnut St., Birdsboro, Pa.  
 Walters Grains Company, Inc., 74 Laurel St., Philadelphia 23, Pa.  
 Ward Baking Company, 1024 Mahoning Avenue, Youngstown, O.  
 Ward Feed Company, 540 Pennsylvania Ave., Commerce Building, Glen Ellyn, Ill.  
 Warner Company, P. O. Box 448, Bellefonte, Pa.  
 Warner Dog Food Company, Inc., 12 Franklin St., Brooklyn 22, N. Y.  
 Washington County Farm Bureau Coop. Assn., 268 W. Wheeling St., Washington, Pa.  
 Watkins Products, Inc., 150 Liberty St., Winona, Wis.  
 Watson's Rendering Plant, R. D. 1, Allenwood, Pa. 17810  
 Wayland Farm Supply, 301 W. Washington Avenue, DuBois, Pa.  
 Waymart Milling Company, Waymart, Pa.  
 Wayne Feed Service Center, Belmont Avenue, Quakertown, Pa.  
 Wayne Feed Supply Company, Inc., P. O. Box 538, 717 Davis St., Fort Wayne, Ind.  
 Waynesburg Milling Company, South Washington St., Waynesburg, Pa.  
 Weigel Brothers, Commerce St., Oxford, Pa.  
 Harry J. Weimer Jr., Maitland Roller Mills, R. D. 3, Box 207, Lewistown, Pa.  
 O. B. Weinman Fur Farm, R. D. 2, Wexford, Pa.  
 Weirton Dehydrators, Div. of Weirton Ice & Coal Supply Co., Colliers Way, Weirton, W. Va.  
 Weiss Packing Company, Inc., R. D. 1, Turkey Hollow, Donora, Pa.  
 Welles Mill Company, Wyalusing, Pa.  
 Ralph Wells & Company, 617 South "D" St., Monmouth, Ill.  
 Wells Brokerage & Distributing Co., P. O. Box 11, Suffolk, Va.  
 Wellsboro Coop. G.L.F. Service, Inc., Wellsboro, Pa.  
 Wenger's Feed Mill, Inc., Rheems, Pa.  
 C. P. Wenger & Sons, 27 East Main St., Ephrata, Pa. 17522  
 Monroe N. Wenger, 1 Shellbourne Road, Linstead, Reading, Pa.  
 H. R. Wentzel Sons, Landisburg, Pa.  
 Wentzel & Metz, Schuylkill Avenue, Hamburg, Pa.  
 Charles Werner Company, South Tulpehocken St., Pine Grove, Pa.  
 Wertz Milling Co., 60 Werner St., Wernersville, Pa.  
 Wessel, Duval & Company, Inc., 67 Broad St., New York 4, N. Y.  
 Western Grain Co., P. O. Box 871, Birmingham 1, Alabama  
 Westford Milling Company, Westford, Pa.  
 West Sunbury Milling Co., West Sunbury, Pa.  
 West Willow Farmers Assn., Inc., West Willow, Pa.  
 Westerman's Feed Stores, Sarver, Pa. 16055  
 Western Feed Company, 121 E. Market St., Wilkes-Barre, Pa.  
 Western Flour Company, 100 Lincoln Avenue, Ext., Charleroi, Pa.  
 Western Pennsylvania Fur Farmers Coop. Assn., R. D. 1, Ebensburg, Pa.  
 Westgate-California Products, Inc., 1995 Bay Front, San Diego, Calif.  
 Westmoreland Farm Bureau Coop. Assn., 1016 Green St., Greensburg, Pa.  
 West Waynesburg Feed Service, Waynesburg, Pa.  
 The Wheatena Corporation, Highspire Flour Mills Div., Highspire, Pa.  
 Mrs. Jack White, 2628 Norway Road, Bristol, Pa.  
 Whitebread Brothers, 309 E. Poplar St., West Nanticoke, Pa.  
 White Horse Roller Mills, R. D. 1, Box 232, Gap, Pa.  
 Whitebread's Mill, R. D. 2, Wapwallopen, Pa.  
 Whiteside & Weicksel, Route 1, Oxford, Pa.  
 R. H. Whiting & Son, 470 Court St., Binghamton, N. Y.  
 Whitmoyer Laboratories, Inc., 19 N. Railroad St., Myerstown, Pa.  
 Whitmoyer's Swatara Creek Mills, R. D. 1, Myerstown, Pa.  
 Whitney Seed Company, Inc., 52 Leslie St., Buffalo, N. Y.  
 Whiz Pet Food Company, 2000 Alaskan Way, Seattle 1, Wash.  
 The George Wiedemann Brewing Co., 601 Columbia St., Newport, Kentucky  
 Wilbur-Ellis Company, 800 Second Avenue, New York 17, N. Y.  
 Wilkins-Rogers Milling Company, Inc., 3261 K Street, N. W., Washington, D. C.  
 The Williams Brothers Co., 162 N. Water St., Kent, O.  
 Williams Milling Company, Inc., 14 Church St., Quincy, Mich.  
 Garfield Williamson, Inc., 1072 W. Side Avenue, Jersey City, N. J.  
 C. S. Willis & Sons, 5th Street & Reading R. R., Lemoyne, Pa.  
 Wilson & Company, Inc., 4200 S. Marshfield Avenue, Prudential Plaza, Chicago, Ill.  
 Wilson's Corn Products, Inc., East 4th St., Rochester, Ind.  
 The Winchester Canning Co., Box 36, Canal Winchester, O.  
 Wineka Feed Service, Park & Weaver Sts., Red Lion, Pa.



Wineland Milling Company, East Freedom and Claysburg, Pa.  
 Wingerton Elevator Company, R. D. 3, Waynesboro, Pa.  
 Winter Garden Citrus Products Coop., Box 399, Winter Garden, Fla.  
 Wirthmore Feeds, Inc., 343 Winter St., Waltham, Mass.  
 Wise Potato Chip Company, 228 Raseley St., Berwick, Pa.  
 Calvin M. Witmer, Selinsgrove, Pa.  
 Wolgemuth Brothers, Inc., Florin & Mount Joy, Pa.  
 Wolgemuth Brothers, Inc., 230 S. Market Avenue, Mount Joy, Pa.  
 Woodbury Mill, Woodbury, Pa.  
 Wood's Farm Supply, Athens, Pa.  
 C. E. Woolever, R. D. 1, Catawissa, Pa.  
 Work Farm Supply, 48 Mill St., Uniontown, Pa.  
 Wright Feeds, 16225 S. Paramount Boulevard, Paramount, Calif.  
 Wright Milling Company, R. D. 1, Claysburg, Pa.  
 Extra Factors, Inc., 99 Locust Bend Road, Ephrata, Pa.  
 Yeast Products, Inc., 455 Fifth Avenue, Paterson, N. J.  
 Yieldmor Feeds, Inc., 101 S. Downing, Piqua, O.  
 L. M. Yingling Company, 2582 Elgro Road, Gibsonia, Pa.  
 Yocum's Farm Supply, Allenwood, Pa.  
 York Flour Mills, Inc., R. D. 5, York, Pa.  
 F. S. Yost's Son, Pleasant Valley, Pa.  
 Young's Vitamin & Mineral Products, Company, R. D. 1, Roaring Spring, Pa.  
 Youngsville Coop. G.L.F. Service, Inc., Youngsville, Pa.  
 Zartman's Roller Mill, R. D. 1, Lititz, Pa.  
 Meyer Zausner, Inc., New Holland, Pa.  
 Zechman's Flour Mills, Inc., Potts Grove, Pa.  
 Paul W. Zeger, Greencastle, Pa.  
 Zeigler Brothers Feed Mills, Inc., Gardners, Pa.  
 Zeigler Brothers Feed Mills, Inc., New Bloomfield, Pa.  
 Zellers Laboratories, Orrton & Noble Sts., Reading, Pa.  
 Zimmers' Feed Mill, Inc., 111-123 S. Washington St., Boyertown, Pa.  
 M. Simon Zook Company, Honey Brook, Pa. 19344  
 Zook's Flour Mills, R. D. 1, Leola, Pa.  
 Zortman Flour & Feed Company, Mill St., Edinboro, Pa.  
 John L. Zug & Son, Inc., Richland, Pa.

## LIST OF REGISTRANTS UNDER

## PENNSYLVANIA FERTILIZER LAW FOR 1963-1964

Abel's Seed House, 12 North 9th St., Reading, Pa.  
 The Abyl Company, P. O. Box 8111, Pittsburgh, Pa.  
 Acker's Hardware, 220 Huntington Pike, Rockledge, Philadelphia, Pa.  
 Agricultural Products Div., Nelson Steel & Wire Co., 9400 West Belmont Avenue, Franklin Park, Ill.  
 Aimcee Wholesale Corporation, 1440 Broadway, New York 18, N. Y.  
 Alaska Fertilizer Company, 84 Seneca St., Seattle 1, Washington  
 John Albrecht Nurseries, Inc., Montgomery Avenue, Narberth, Pa.  
 Altman's Mills, Old Lincoln Highway West, Irwin, Pa.  
 American Agricultural Chemical Company, 100 Church St., New York 7, N. Y.  
 American Cyanamid Company, P. O. Box 400, Princeton, N. J.  
 American Humates, Inc., 2328 Fidelity Union Tower, Dalles 1, Texas  
 American Liquid Fertilizer Company, Inc., Second Street at St. Clair, Marietta, Ohio 45750  
 American Potash & Chemical Corporation, 3000 West 6th St., Los Angeles 54, California  
 The A-Penn Oil Company, Butler, Pa.  
 Appalachian Stone Div., Martin-Marietta Corporation, P. O. Box 120, Mercersburg, Pa.  
 Arbogast & Bastian, Inc., 19 Hamilton St., Allentown, Pa.  
 Archer Daniels Midland Company, 733 Marquette Avenue, Minneapolis, Minn.  
 Armour Agricultural Chemical Co., P. O. Box 3478, Curtis Bay, Baltimore, Md.  
 Asgrow Seed Company, 205 Church Street, New Haven 2, Connecticut  
 Atlas Fish Fertilizer Company, No. 1 Drumm St., San Francisco 11, Calif.  
 Barrow Forest Products Company, P. O. Box 68, Ahoskie, North Carolina  
 The F. A. Bartlett Tree Expert Co., 2770 Summer Street, Stamford, Connecticut 06905  
 The Baugh Chemical Company, 1701 South Delaware Avenue, Philadelphia 48, Pa.  
 Bethlehem Steel Company, Ammonium Sulphate Div., 701 East Third St., Bethlehem, Pa.  
 Bishop Processing Company, Bishop, Md.  
 Black Magic, Inc., 530 6th Street, P. O. Box 578, Hermosa Beach, Calif.  
 Blackstone Guano Company, Inc., Blackstone, Va.  
 The Borden Chemical Co., A Div. of the Borden Company, 350 Madison Avenue, New York 17, N. Y. 10017  
 Bryan Chemical Company, 27 South Gay Street, Baltimore, Md.  
 Bryn Mawr Feed & Seed Company, 706 Lancaster Avenue, Bryn Mawr, Pa.  
 W. Atlee Burpee Company, 18th & Hunting Park Avenue, Philadelphia 32, Pa.  
 California Chemical Co., Ortho Division, 133 Kings Highway East, Haddonfield, N. J.  
 H. D. Campbell Company, 402-410 Dewey Avenue, Rochelle, Ill.  
 Carbola Chemical Company, Inc., Natural Bridge, N. Y.  
 Carlisle Fertilizer Works, Inc., P. O. Box 574, Carlisle, Pa.  
 Central Chemical Corporation, 49 N. Jonathan St., P. O. Box 310, Hagerstown, Md. 21740  
 Central Farmers Fertilizer Co., c/o Pennsylvania Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.  
 Chastity Hill Farm, Star Route, South, Ligonier, Pa.  
 Chilean Nitrate Sales Corp., 120 Broadway, New York 5, N. Y.  
 Clinton Nursery Products, Inc., Post Road, Clinton, Connecticut  
 Cloro-Spray Corporation, 129 State Street, Dover, Del.  
 Clover Chemical Company, P. O. Box 10865, Pittsburgh 36, Pa. 15236  
 The Columbiana Boiler Company, 200 West Railroad St., Columbiana, Ohio  
 Comark Corporation, c/o Cooperative G.L.F. Exchange, Inc., Soil Building Div., Ithaca, N. Y.  
 Commercial Solvents Corporation, 260 Madison Avenue, New York 16, N. Y.  
 The Conard-Pyle Company, West Grove, Pa.  
 Cooperative Fertilizer Service, Baltimore, Md.  
 Cooperative G.L.F. Exchange, Inc., Soil Building Division, Ithaca, N. Y.  
 Cumberland Valley Cooperative Assn., Shippensburg, Pa.  
 Dartmouth Marketing Company, Skokie, Ill.  
 The Davey Tree Expert Company, Inc., 117 S. Water St., Kent, Ohio  
 Denmandale Farms, Route 1, Cortland, Ohio  
 Paul J. Devitt Hardware Company, Coatesville, Pa.  
 Doggett Fison Company, 191 Mountain Avenue, Springfield, N. J.  
 Donner-Hanna Coke Corporation, P. O. Box "A" South Park Station, Buffalo 20, N. Y.  
 The Dow Chemical Company, 825 East Main Street, Midland, Michigan  
 Driconure Company, 8501 Brandt Avenue, Dearborn, Michigan 48126  
 Druid Hill Park Seed Corp., 2700 Wilmarco Avenue, Baltimore 23, Md.  
 E. I. du Pont de Nemours & Company, 6054 Du Pont Building, Wilmington, Delaware 19898  
 Duval Sulphur & Potash Co., c/o Pennsylvania Farm Bureau Coop. Assn., Harrisburg, Pa.  
 Dynamic Industrials, Inc., 1020 Central Street, Evanston, Ill.  
 Eastern Dehydrating Company, Route 7, Lexington, North Carolina  
 Eastern States Farmers' Exchange, Inc., 26 Central St., West Springfield, Mass.  
 Eastern States Soilbuilders, Inc., Sharpsburg, Md.  
 Amos Eby & Company, Paradise, Pa.  
 Elanco Products Co., Div. of Eli Lilly & Company, 740 S. Alabama St., Indianapolis, Ind.  
 Erie Reduction Company, Foot of East Avenue, P. O. Box 1677, Erie, Pa.  
 The Espoma Company, P. O. Box 431, Millville, N. J.  
 Faesy & Besthoff, Inc., 143 River Road, Edgewater, N. J. 07020  
 Farmers Chemical Association, Inc., P. O. Box 67, Tyner, Tennessee  
 Farmers Fertilizer & Feed Co., P. O. Box 387, Westminster, Md.  
 Farmers Fertilizer Works, 365 W. Bainbridge St., Elizabethtown, Pa. 17022  
 Farmers Organic, P. O. Box 32, Linwood, North Carolina  
 Federal Chemical Company, Prospect Plains, Cranbury, N. J.  
 Feeney's Garden Center, Bustleton Pike, Feasterville, Pa.  
 Ferry-Morse Seed Company, Box 100, Mountain View, Calif.  
 Fertl-Soil Company, 673 New Brunswick Avenue, Rahway, N. J.  
 Follett's Experimental Gardens, Inc., P. O. Box 37, Egg Harbor, Wisconsin  
 Food Fair Stores, Inc., 3175 W. John F. Kennedy Boulevard, Philadelphia, Pa.  
 Ford Motor Company, Steel Division, 3001 Miller Road, Dearborn, Michigan  
 Fruit Growers of Chester County, Inc., 250 S. Franklin St., West Chester, Pa.  
 Garden Spot Fertilizer Company, 220 East New St., Lancaster, Pa.  
 S. H. Goss, Inc., P. O. Box 426, Lewistown, Pa.  
 Goulard & Olena, Inc., Skillman, N. J.  
 W. R. Grace & Company, Davison Chemical Div., Hill Plant, Baltimore 26, Md.  
 W. R. Grace & Company, Nitrogen Products Div., 147 Jefferson Avenue, Memphis 3, Tennessee  
 Graham Division, Summers Fertilizer Company, Inc., P. O. Box 487, Somerset, Pa.  
 Green Thumb Products, 4401 Lagrange St., P. O. Box 6543, Toledo, Ohio



Greenlife Products Company, West Point, Va.  
 Griffith & Boyd Company, 2225 S. Highland Avenue, Baltimore 24, Md.  
 Growers Chemical Corporation, Lockwood Road, Milan, Ohio  
 Hercules Powder Company, Two Gateway Center, Pittsburgh, Pa.  
 Hercules Powder Company, Hercules Tower, 910 Market St., Wilmington, Del.  
 Heritage House Products, Inc., 701 S. Front St., Philadelphia 47, Pa.  
 Hoff Chemical Corporation, P. O. Box 215, 21826 Telegraph Road, Flat Rock, Michigan  
 A. H. Hoffman, Inc., Landisville, Pa.  
 Home Nursery Products Corporation, 165 East Union St., Newark, N. Y.  
 Hydroponic Chemical Company, Inc., P. O. Box 97-C, Copley 21, Ohio  
 Independence Hall Seed Co., Sub. of Druid Hill Park Seed Corp., 2700 Wilmarco Avenue, Baltimore, Md.  
 Independent Manufacturing Co., Wheat Sheaf Lane & Aramingo Avenue, Philadelphia, Pa.  
 Interlake Iron Corporation, 1900 Union Commerce Building, Cleveland 14, Ohio  
 International Minerals & Chemical Corp. 5401 Old Orchard Road, Skokie, Ill.  
 International Minerals & Chemicals, c/o Pennsylvania Farm Bureau Coop. Assn., Harrisburg, Pa.  
 S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, Wisconsin  
 William A. Johnson, 422 1/2 Elizabeth St., Everett, Pa.  
 Jones & Laughlin Steel Corp. 3 Gateway Center, Pittsburgh 30, Pa.  
 Kansas City Stock Yards Co., Fertilizer Div., 1600 Genesee Street, Kansas City, Missouri  
 Kapco Div., The Summers Fertilizer Company, Inc., P. O. Box 487, Stoystown Rd., Somerset, Pa.  
 Ken-Briss Farms, Inc., 701 S. Front St., Philadelphia, Pa.  
 N. S. Koos & Son Company, 4500 13th Court, Kenosha, Wisconsin  
 Lancaster Bone Fertilizer Company, Inc., 301 Park Avenue, Quarryville, Pa.  
 Lawn-Tex, Inc., 2005 East End Avenue, Box 101, Chicago Heights, Ill.  
 Lebanon Chemical Corporation, P. O. Box 693, Lebanon, Pa.  
 Lewis International Co., 1811 Springfield Avenue, Maplewood, N. J.  
 Locust Point Quarries, P. O. Box 289, Mechanicsburg, Pa.  
 Lofts Pedigreed Seed., Inc., Chimney Rock Road, Bound Brook, N. J.  
 Loncala Phosphate Co., Box 766, High Springs, Fla.  
 Fred E. Lord, Inc., P. O. Box 254, Bloomsburg, Pa.  
 T. Frank McCall's Sons, 6th & Madison St., Chester, Pa.  
 The Mamlon Company, 1089 Whalley Avenue, P. O. Box 3046, New Haven, Connecticut 06515  
 Marsteller Grain, Inc., Trexlertown & Macungie, Pa.  
 May Department Stores Co., 50 West 44th St., New York 18, N. Y.  
 Measured Soil Foods, Inc., North Main St., Biglerville, Pa.  
 Medford's, Inc., 18 West Second St., Chester, Pa.  
 Frederick Mehring Fertilizer Works, Inc., Keymar, Md. 21757  
 Merck & Company, Inc., Chemical Division, Rahway, N. J.  
 Michiana Chemical Co., P. O. Box 458, Niles, Michigan  
 Milazzo Charcoal & Fertilizer Co., 105 South Main St., Pittston, Pa.  
 Millardsville Fertilizer Works, Route 1, Myerstown, Pa.  
 Miller Chemical & Fertilizer Corp., 3006 West Coldspring Lane, Baltimore, Md. 21215  
 Mock Seed Company, 13th & Smallman Streets, Pittsburgh 30, Pa.  
 Monsanto Company, 800 North Lindbergh Avenue, St. Louis 66, Missouri 63166  
 Montgomery Ward, 619 W. Chicago Avenue, Chicago, Ill.  
 Na-Churs Plant Food Company, 421 Monroe St., Marion, Ohio  
 "Na-Churs" Plant Food Company (Canada) Ltd., Box 84, London, Ontario, Canada  
 National Chemsearch Corp., P. O. Box 217, Irving, Texas  
 The Natural Development Company, Box 215, Bainbridge, Pa. 17502  
 Natural Plant Food Company, 1409 N. W. 50th Street, Oklahoma City 18, Oklahoma  
 New Plant Life, Div. of C. O. Finley & Co., 30 East 26th St., Chicago, Ill. 60616  
 Nitrogen Division, Allied Chemical Corporation, P. O. Drawer 61, Hopewell, Va.  
 Lloyd W. Nolt, Nolt's Ponds, Silver Spring, Pa.  
 Nucera Garden Center, Bethlehem Pike & Arlingham Road, Flourtown, Pa.  
 Nutri-Foam Products, Inc., 1001 West Belt Drive, Houston 24, Texas.  
 Olin Mathieson Chemical Corp., P. O. Box 991, Little Rock, Arkansas  
 Organic Compost Corporation of Pennsylvania, P. O. Box 70, Oxford, Pa.  
 Organic Plant Food Company, P. O. Box 132, Grofftown Road, Lancaster, Pa.  
 Orner's Road Stand & Nursery, 15 West Eagle Road, Havertown, Pa.  
 Pancoast Gardens, 2625 West Chester Pike, Broomall, Pa.  
 Lee Patten Seed Company, Purcell Court, Moonachie, N. J.  
 Pax Company, Div. of Utah Cooperative Assn., P. O. Box 2310, 580 W. 13th South, Salt Lake City, Utah  
 Penn Fruit Company, P. O. Box 6122, Grant Avenue & Bluegrass Road, Philadelphia, Pa.  
 Penn Ohio Fertilizer Company, Inc., 660 East Beaver St., Mercer, Pa.  
 Pennsylvania Dutch Fertilizer Co., P. O. Box 693, Lebanon, Pa.  
 Pennsylvania Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.  
 Robert B. Peters Company, 2833 Pennsylvania St., Allentown, Pa.  
 Pittsburgh Plant Glass Chemical Div., One Gateway Center, Pittsburgh 22, Pa.  
 Plantabbs Corp., Timonium, Md., 21093  
 Plant Shine Company, Div. of Schultz Co., 404 South 4th St., St. Louis 2, Missouri  
 Potash Company of America, c/o Pennsylvania Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.  
 Warner W. Price Company, Inc., Box 591, Smyrna, Del. 19977  
 Pride of the Valley Mills, Inc., Vernon, N. J.  
 Pro Hardware, Inc., P. O. Box 108, Kenosha, Wisconsin  
 Rapidgro Corporation, 88 Ossian St., Dansville, N. Y.  
 Reading Bone Fertilizer Co., P. O. Box 232, Reading, Pa. 19603  
 Robert A. Reichard, Inc., 19th & West Lawrence Streets, Allentown, Pa.  
 Republic Steel Corp., Republic Building, Cleveland, Ohio  
 F. S. Royster Guano Co., 500 East 33rd St., P. O. Box 7219, Baltimore 18, Md. 21218  
 St. Louis National Stockyards Co., Exchange Building, National Stock Yards, Ill.  
 Schludenberg-Kurdle Company, Inc., 3800 East Baltimore St., Baltimore 24, Md.  
 O. M. Scott & Sons Company, Marysville, Ohio  
 Seaboard Seed Company, 701 South Front St., Philadelphia 47, Pa.  
 Sears, Roebuck & Company, Department 671, 925 South Homan Avenue, Chicago 7, Ill.  
 George V. Seiple & Son, Nulton & William Penn Highway, Easton, Pa.  
 Sewerage Commission of the City of Milwaukee, Box 2079, Milwaukee, Wisconsin 53201  
 Shenango, Inc., Neville Island, Pa.  
 M. L. Shoemaker Div., Wilson & Company, Inc., Delaware Avenue & Venango St., Philadelphia 34, Pa.  
 Smith-Douglas Company, Inc., P. O. Box 419, Norfolk 1, Va.  
 Solar Nitrogen Chemicals, Inc., P. O. Box 628, Lima, Ohio  
 Southern Nitrogen Company, Inc., P. O. Box 246, Savannah, Georgia  
 Southern Plant Food Company, Inc., P. O. Box 33, 317 W. Rip Rap Road, Hampton, Va.  
 Specialty Products Div., Davison Chemical Company, 101 North Charles St., Baltimore 3, Md.  
 Spee-D-Gro Company, 1010 Denison Avenue, Cleveland 9, Ohio



Spencer Chemical, Div. of Gulf Oil Corporation, 610 Dwight Building, Kansas City, Missouri  
 Stanford Seed Company, 560 Fulton St., Buffalo, N. Y.  
 Star Town & Country, 67 S. Laurel St., P. O. Box 274, Bridgeton, N. J.  
 Stern's Garden Products, Inc., 404 William St., Geneva, N. Y. 14456  
 Stim-U-Plant Laboratories, Inc., 2077 Parkwood Avenue, Columbus 19, Ohio  
 Stokle, Inc., Kennett Square, Pa.  
 Strafford Hardware Company, 745 Lancaster Avenue, Strafford, Pa.  
 C. W. Stuart & Company, 165 East Union St., Newark, N. Y.  
 Styer's Nurseries, U. S. Route 1, Concordville, Pa.  
 The Summers Fertilizer Company, Inc., 210 East Redwood St., Baltimore 2, Md.  
 Swift & Company, Agricultural Chemicals Div., 5600 Chemical Road, Curtis Bay, Baltimore 26, Md.  
 Swiss Farms, Inc., P. O. Box J, Philmont, N. Y.  
 L. Teweles Seed Company, 222 South Third St., Milwaukee, Wisconsin  
 Thomspson Sales Company, P. O. Box 246, Montgomery, Alabama  
 R. Thorpe & Sons, R. D. 1 Stony Brook Road, Newtown, Pa.  
 Topco Associates, Inc., Skokie, Ill.  
 Trenton Bone Fertilizer Company, 1350 New York Avenue, Trenton, New Jersey 08638  
 Two Guys from Harrison, Garfield, N. J.  
 Tennessee Valley Authority, c/o Pennsylvania Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.  
 U. S. Borax & Potash Company, c/o Pennsylvania Farm Bureau Coop. Assn., Harrisburg, Pa.  
 U. S. Phosphoric Company, c/o Pennsylvania Farm Bureau Coop. Assn., Harrisburg, Pa.  
 U. S. Phosphoric Products, Div. of Tennessee Corp., P. O. Box 3269, Tampa 1, Fla.  
 United States Steel Corporation, 525 William Penn Place, Pittsburgh, Pa. 15230  
 Universal Chemical Company, Inc., P. O. Box 195, West Lynn, Mass.  
 Valu-Gro Corporation, Box 21, Princeton, N. J.  
 Vandam Associates, Inc., 5239 Ridge Avenue, Philadelphia, Pa.  
 Vaughan's Seed Company, 5300 Katrine Avenue, Downers Grove, Ill.  
 Victor Chemical Works, Div. of Stauffer Chemical Co., 380 Madison Avenue, New York 17, N. Y.  
 Virginia Cattle Feeding Corp., Box 8, Branchville, Va.  
 Virginia-Carolina Chemical Co., Div. of Socony Mobil Oil Co., Inc., 2000 Chesapeake Avenue, Bal., Md.  
 Vornado, Inc., 174 Passaic St., Garfield, N. J.  
 Walker-Gordon Laboratory Company, Plainsboro, N. J.  
 The Wayside Gardens Company, Mentor, Ohio  
 Webb's Super Gro Products, Inc., 540 High St., Flemington, Pa.  
 Weirton Dehydrators, Div. of Weirton Ice & Coal Supply Co., Weirton, West Virginia  
 Western Auto Supply Company of Kansas City, c/o L. Teweles Seed Co., 222 S. Third St., Milwaukee, Wisconsin  
 Whitney Seed Company, Inc., P. O. Box 250, Buffalo, N. Y. 14240  
 Wright Feeds, 16493 S. Paramount Boulevard, Paramount, Calif.  
 York Stone & Supply Company, P. O. Box 1948, York, Pa.  
 Zep Manufacturing Corporation, 1310 Seaboard Industrial Blvd., Atlanta, Ga.

LIST OF REGISTRANTS UNDER  
PENNSYLVANIA LIME LAW FOR 1963-1964

Adams Agstone, Inc., R. D. 5, Hanover, Pa.  
Agricultural Lime Company, R. D. 1, Box 302, Derry, Hillside, Pa.  
Allegheny Mineral Corporation, Parker Plant, P. O. Box 10, Kittanning, Pa.  
Allied Chemical Corporation, Solvay Process Division, P. O. Box 271, Syracuse 1, N. Y.  
Appalachian Stone Division, Martin-Marietta Corporation, P. O. Box 120, Mercersburg, Pa.  
Baker Stone Company, Bloomsburg, Pa.  
The J. E. Baker Company, 232 East Market St., P. O. Box 1189, York, Pa.  
S. W. Barrick & Sons, Inc., Woodsboro, Md.  
Basic Dolomite, Agricultural Division of Basic, Inc., 845 Hanna Building, Cleveland 15, Ohio  
Belmont Limestone Company, R. D. 1, Paradise, Pa.  
Bestwall Gypsum Company, 120 East Lancaster Avenue, Ardmore, Pa.  
Bethlehem Limestone Company, 701 East Third Street, Bethlehem, Pa.  
Bethlehem Steel Company, 701 East Third Street, Bethlehem, Pa.  
David M. Burkholder, R. D. 3, Ephrata, Pa.  
Calcite Quarry Corporation, Box 573, R. D. 1, Lebanon, Pa.  
Calcium Stone Corporation, West Logan Boulevard, Burnham, Pa.  
The Carbon Limestone Company, Lowellville, Ohio  
G. & W. H. Corson, Inc., Plymouth Meeting, Pa.  
Irvin A. Dively, Box 72, Claysburg, Pa.  
D. & S. Lime Company, R. D. 1, Baxter, Pa.  
Duquesne Slag Products Company, 429 Forbes Avenue, Pittsburgh 19, Pa.  
Dynamic Industrials, Inc., 1022 Central St., Evanston, Ill.  
Eastern Lime Corporation, R. D. 2, Kutztown, Pa.  
Ehrenzeller Lime Company, R. D. 1, McVeytown, Pa.  
Elkland Leather Company, Inc., Tyoga Products Div., Elkland, Pa.  
Evans-Roberts, Inc., P. O. Box 135, Norristown, Pa.  
Faylor Lime & Stone Company, Winfield (Union County), Penna.  
George W. Finniff, Sr., 48 North Main St., Mercersburg, Pa.  
Flintkote Company, M. J. Grove Lime Division, Lime Kiln, Md.  
Frontier Stone Products, Inc., P. O. Box 436, Lockport, N. Y.  
Fulkroad Lime Quarry, McAlisterville, Pa.  
Gibsonburg Lime Products Company, Gibsonburg, Ohio  
Girard Paint Products, Inc., 2658 North Reese St., Philadelphia 33, Pa.  
G. M. Lime Company, Dayton, Pa.  
Greer Limestone Company, Morgantown (Greer), West Virginia  
Grove City Limestone Company, R. D. 1, Branchton, Pa.  
Heritage House Products, Inc., 701 South Front St., Philadelphia, Pa.  
A. H. Hoffman, Inc., Landisville, Pa.  
Honey Creek Lime Company, Reedsville, Pa.  
Jefferson County Lime Company, R. D. 1, Mingo Junction, Ohio  
Keystone Lime Company, Springs, Pa.  
David B. Knisely, R. D. 1, Claysburg, Pa.  
Landis Stone Meal Company, Rheems, Pa.  
LeGore Lime Company, LeGore, Md.  
Limestone Products Corporation of America, 122 Main Street, Newton, N. J.  
Locust Point Stone Quarries, Route #1, Mechanicsburg, Pa.  
Lycoming Silica Sand Company, R. D. 2, (Milton Quarry) Milton, Pa.  
Lycoming Silica Sand Company, R. D. 2, (Pine Creek Plant) Jersey Shore, Pa.  
C. D. McCanna, R. D. 2, Kittanning, Pa.  
Macin, Inc., P. O. Box 109, Ellwood City, Pa.  
The Marble Cliff Quarries Company, 2100 Tremont Center, Columbus 21, Ohio  
Ivan M. Martin, Inc. Blue Ball, Pa.  
Maxwell's Hill Lime Company, R. D. 2, Elverson, Pa.  
The Mechtly Lime Works, 1209 West Fourth St., Williamsport, Pa.  
Meckley's Limestone Products, R. D. 1, Herndon, Pa.  
Mercer Lime & Stone Company, Branchton, Pa.  
Midland Slag Company, 1200 Stambaugh Building, Youngstown 1, Ohio  
H. E. Millard Lime & Stone Company, Annville, Pa.  
M & M Lime Company, R. D. 2, Dayton, Pa.  
Narehood Brothers, Inc., Tyrone, Pa.  
National Gypsum Company, 325 Delaware Avenue, Buffalo 2, N. Y.  
National Limestone Quarry, R. D., Middleburg, Pa.  
Neidigh Brothers Limestone Company, Inc., 900 West College Avenue, State College, Pa.  
New Castle Lime & Stone Company, 512 Temple Building, New Castle, Pa.  
New Enterprise Stone & Lime Company, Inc., New Enterprise, Pa.  
The New Jersey Zinc Company, 160 Front St., New York 38, N. Y.  
Niverton Lime Company, R. D. 1, Salisbury, Pa.  
Ohio Lime Company, Woodville, Ohio  
Oyster Shell Corporation, 1008 Keyser Building, Baltimore 2, Md.  
Royer Lime Quarry, R. D. 2, Milton, Pa.  
Sproul Lime & Stone Company, R. D., Claysburg, Pa.  
Standard Lime & Cement Company, Div. of Martin Marietta Corp., 2000 First National Bank Building, Bal., Md.  
Standard Slag Company, 1200 Stambaugh Building, Youngstown 1, Ohio  
Clyde Starook, 240 Orange St., Northumberland, Pa.  
Sugar Hill Limestone Company, 11 Brown St., Reynoldsville, Pa.  
Switzer Brothers Limestone Company, #1, Fairmount City, Pa.  
Thomasville Stone & Lime Company, Thomasville, Pa.  
Union Carbide Corporation, Linde Division, 270 Park Avenue, New York 17, N. Y.  
United States Gypsum Company, 101 South Wacker Drive, Chicago 6, Ill.  
United States Steel Corporation, P. O. Box 117, Buffalo, N. Y. 14240  
United States Steel Corporation, 525 William Penn Place, Pittsburgh 30, Pa.  
Valley Quarries, Inc., R. D. 5, Chambersburg, Pa.  
Warner Company, 1721 Arch Street, Philadelphia 3, Pa.  
Warren Limestone Company, 112 Oaktree Avenue, South Plainfield, N. J.  
Farber White Limestone Company, Franklin, N. J.  
Fred G. Williams, R. D. 4, Stroudsburg, Pa.  
Winfield Lime & Stone Company, West Winfield, Pa.  
York Stone & Supply Company, Box 1564, York, Pa.

COMMERCIAL FEED CONSUMPTION - 1963

MIXED FEEDS

<u>Kind</u>	<u>Tons Sold</u>
<u>Poultry Feeds</u>	
Chick Starter & Grower	109,910
Breeder and Layer	437,147
Broiler	157,931
Supplements	80,745
Scratch Grains	26,101
Turkey Feeds	32,204
Turkey Supplements	6,941
Duck Feeds	<u>314</u>
Total Poultry Feeds	851,293
<u>Dairy Feeds</u>	
20% Protein and under	300,219
Over 20% Protein	59,332
Concentrates	<u>124,819</u>
Total Dairy Feeds	484,370
<u>Other Cattle Feeds</u>	
Calf Feeds	18,868
Steer Feeds	<u>26,535</u>
Total Other Cattle Feeds	45,403
<u>Swine Feeds</u>	
Swine Feeds	38,504
Swine Supplements	<u>28,521</u>
Total Swine Feeds	67,025
<u>Misc. Livestock Feeds</u>	
Horse & Mule Feeds	19,940
Sheep & Goat	583
Corn & Oats	8,166
Mineral Feeds	<u>32,016</u>
Total Misc. Livestock Feeds	60,705

MIXED FEEDS

<u>Kind</u>	<u>Tons Sold</u>
<u>Dog Foods</u>	
Canned	51,151
Dry	<u>52,872</u>
Total Dog Food	104,023
<u>Other Pet and Wildlife Feed</u>	
Bird Feed Wild & Tame	10,044
Cat Food	1,738
Rabbit Feed	4,013
Mink & Chinchilla Feed	<u>7,948</u>
Total Other Pet Foods	17,176
Miscellaneous Mixed Feeds	26,692
Total Mixed Feeds	1,663,756

INDIVIDUAL INGREDIENTS

Alfalfa Products	30,411
Animal Products	
Meat & Bone Scraps & Meals	62,668
Tankage	5,246
Bone Meal	5,583
Animal Fat	12,906
Barley	3,631
Beet Pulp	31,204
Brewers Products & Yeast	88,417
Citrus Pulp	8,975
Corn Gluten Feed	74,935
Cottonseed Products	10,376
Distiller's Products	28,372
Hominy Feed	21,880
Linseed Meal	11,145
Marine Products	14,713
Milk Products	4,760
Molasses	124,000
Oats Products	30,852
Screenings, Ground	5,073
Soybean Meals	188,919
Vegetable Fat	2,114
Vitamin and Mineral Mixtures	572
Wheat Bran	122,726
Wheat Middlings	91,975
Miscellaneous Ingredients	<u>59,897</u>
Total Individual Ingredients	1,074,439
Grand Total	2,738,195

COMPILED BY: Penna. Crop Reporting Service



# REPORTED FERTILIZER CONSUMPTION - SECOND HALF 1963

COUNTY	CODE	TOTAL TONS ALL GRADES	TONS OF NITROGEN	TONS OF A.P.A.	TONS OF POTASH	AMMONIUM NITRATE	20% SUPER PHOSPHATE	60% MURIATE	0-15-30
Adams	01	5893	242	627	663	274	305	23	224
Allegheny	02	3794	284	292	250	19	57	1	138
Armstrong	03	1153	60	140	160	7	15	--	143
Beaver	04	878	47	84	78	--	13	1	8
Bedford	05	2797	131	314	313	2	53	82	129
Berks	06	8996	491	1051	951	33	133	80	70
Blair	07	2876	113	330	331	10	70	161	166
Bradford	08	2071	101	289	310	54	88	1	140
Bucks	09	7560	432	824	838	5	532	3	291
Butler	10	3157	170	391	394	--	134	15	181
Cambria	11	880	42	90	80	7	38	40	5
Cameron	12	1	--	--	--	--	--	--	--
Carbon	13	772	41	84	87	--	2	--	36
Centre	14	3560	151	466	555	--	95	93	585
Chester	15	10256	571	1178	1186	137	316	446	442
Clarion	16	1025	51	120	126	16	33	--	64
Clearfield	17	557	30	64	68	--	11	--	39
Clinton	18	1396	58	168	171	--	32	42	140
Columbia	19	2906	144	358	365	3	105	5	145
Crawford	20	2153	110	261	279	9	92	26	148
Cumberland	21	7387	380	890	915	3	212	2	488
Dauphin	22	6789	446	787	763	52	122	49	71
Delaware	23	869	55	58	42	--	38	--	--
Elk	24	48	4	4	3	--	--	--	--
Erie	25	2521	130	274	259	92	168	8	68
Fayette	26	827	41	103	111	25	25	--	85
Forest	27	161	5	15	20	--	7	--	30
Franklin	28	8866	387	1023	986	251	295	122	237
Fulton	29	1203	51	140	133	1	107	2	12
Greene	30	445	18	66	78	--	12	--	97
Huntingdon	31	1606	68	198	215	7	59	1	133
Indiana	32	2551	165	365	392	2	81	--	308
Jefferson	33	1473	82	180	195	11	26	--	137
Juniata	34	2062	84	250	262	3	37	40	153
Lackawanna	35	315	17	31	32	1	25	--	13
Lancaster	36	21929	1017	2501	2548	114	559	97	1132
Lawrence	37	2491	157	311	302	--	73	34	72
Lebanon	38	6082	315	708	670	2	383	90	112
Lehigh	39	4731	303	544	474	64	64	1	30
Luzerne	40	1667	83	195	198	40	70	1	48
Lycoming	41	3255	170	401	417	63	40	5	172
McKean	42	192	10	25	26	--	6	--	7
Mercer	43	2780	159	342	317	--	107	66	81
Mifflin	44	2363	102	270	300	10	65	40	218
Monroe	45	282	17	32	34	--	4	--	9
Montgomery	46	6588	426	769	772	7	189	4	358
Montour	47	972	43	109	110	18	28	--	11
Northampton	48	3421	185	406	406	1	101	--	137
Northumberland	49	2953	163	380	392	40	57	1	182
Perry	50	3883	179	437	419	--	139	84	38
Philadelphia	51	866	52	45	27	--	13	1	2
Pike	52	0	--	--	--	--	--	--	--
Potter	53	896	53	138	126	22	11	--	2
Schuylkill	54	4297	253	491	481	38	72	124	63
Snyder	55	1826	82	202	203	1	26	83	54
Somerset	56	2675	112	326	372	2	106	40	363
Sullivan	57	133	4	18	21	4	15	--	--
Susquehanna	58	244	10	29	32	4	20	34	11
Tioga	59	1086	51	149	174	10	19	--	170
Union	60	2266	108	235	209	14	34	124	11
Venango	61	696	36	73	73	17	19	108	30
Warren	62	352	23	44	49	--	31	--	6
Washington	63	1670	90	204	207	11	60	--	53
Wayne	64	418	24	46	49	44	11	--	15
Westmoreland	65	2782	117	320	341	26	61	85	199
Wyoming	66	1437	46	162	193	117	120	--	185
York	67	16431	867	1773	1703	250	186	83	313
TOTALS		201468	10459	23200	23256	1943	6027	2348	9010

CODE	0-20-20	3-12-6	5-10-5	5-10-10	6-12-12	8-16-16	10-10-10	10-20-20	15-10-10
01	341	131	12	1983	--	196	484	111	61
02	108	2	208	279	3	84	87	53	22
03	27	13	5	574	7	63	135	62	--
04	28	1	60	532	2	15	7	3	1
05	267	58	21	1108	9	232	213	104	13
06	601	331	73	3876	302	223	873	198	58
07	385	8	15	761	16	234	132	124	11
08	520	--	2	473	8	33	147	316	--
09	141	43	196	1989	160	810	654	176	183
10	180	24	53	1112	63	320	362	157	--
11	43	24	36	352	--	65	21	29	21
12	--	--	--	--	--	--	--	--	--
13	8	6	22	488	62	16	44	25	1
14	367	16	1	788	15	443	215	117	81
15	838	15	85	3300	366	567	1044	272	279
16	25	8	4	585	--	44	19	41	26
17	12	11	20	325	--	44	32	27	--
18	81	27	4	329	19	115	72	46	9
19	398	53	5	1048	25	176	255	64	5
20	242	--	5	679	--	234	181	83	--
21	600	99	24	3226	60	316	785	192	131
22	725	87	89	1799	72	228	255	119	1225
23	38	--	137	118	--	--	17	--	--
24	--	--	1	11	--	--	--	--	--
25	300	--	81	428	--	384	194	69	--
26	65	8	5	333	--	89	50	25	2
27	3	--	5	34	--	2	--	30	--
28	981	73	19	2821	44	361	621	223	101
29	156	57	7	622	--	54	56	40	5
30	73	--	--	74	--	44	69	12	1
31	199	21	4	589	2	138	100	14	1
32	81	4	--	614	--	249	240	255	61
33	32	23	35	670	1	124	174	85	15
34	278	34	4	996	9	59	159	11	1
35	36	3	7	56	12	8	38	3	--
36	1690	1042	185	7272	550	802	1615	278	462
37	17	5	--	959	--	291	269	204	28
38	563	139	11	1789	284	383	559	183	129
39	137	86	117	1688	221	46	535	340	33
40	178	18	80	626	32	254	131	10	1
41	344	60	21	1043	77	238	254	50	66
42	46	--	12	29	--	40	40	--	--
43	64	5	3	1216	--	304	112	194	7
44	187	38	25	792	9	148	179	43	44
45	45	--	9	94	--	--	50	14	--
46	270	7	358	1396	273	496	657	343	131
47	84	25	--	433	92	15	53	8	--
48	244	8	62	881	79	76	523	179	5
49	130	57	23	1099	45	291	185	205	51
50	404	47	--	1937	18	294	243	11	22
51	10	--	188	18	--	3	21	--	--
52	--	--	--	--	--	--	--	--	--
53	173	8	--	203	--	100	49	163	--
54	94	42	10	2019	104	248	322	317	59
55	67	88	12	733	31	164	82	58	3
56	344	11	3	773	87	159	371	57	15
57	43	--	--	25	--	14	9	8	--
58	64	--	--	3	--	25	41	8	--
59	219	--	--	216	--	68	71	80	--
60	51	2	60	898	108	116	73	113	--
61	16	--	--	177	--	82	66	48	18
62	51	--	3	34	--	24	69	32	--
63	234	10	20	592	26	58	244	75	31
64	91	--	--	16	--	19	170	--	--
65	422	6	39	812	--	161	170	115	30
66	240	--	2	273	20	14	159	65	--
67	448	749	129	8062	85	503	1233	284	586
	15149	3633	2617	69080	3398	11406	16290	6571	4035

COUNTY	CODE	TOTAL TONS ALL GRADES	TONS OF NITROGEN	TONS OF A.P.A.	TONS OF POTASH	AMMONIUM NITRATE	20% SUPER PHOSPHATE	60% MURIATE	0-15-30
Adams	01	13737	942	1365	1279	323	394	45	113
Allegheny	02	8151	528	568	433	108	55	17	24
Armstrong	03	3058	211	347	324	19	45	25	11
Beaver	04	1019	60	86	77	---	7	1	1
Bedford	05	5992	386	710	622	27	123	97	58
Berks	06	20035	1372	2193	1812	137	334	296	136
Blair	07	6170	363	682	613	62	217	84	81
Bradford	08	6024	412	758	726	69	199	7	24
Bucks	09	18905	1163	1941	1753	106	1311	55	122
Butler	10	8016	523	901	816	32	214	136	10
Cambria	11	5406	355	693	524	19	186	86	1
Cameron	12	62	3	8	8	---	---	---	---
Carbon	13	1589	105	169	154	3	12	---	1
Centre	14	6834	457	804	733	105	159	47	64
Chester	15	20060	1448	2100	1952	185	608	240	226
Clarion	16	3352	196	388	376	19	105	81	12
Clearfield	17	2366	157	299	278	25	77	1	21
Clinton	18	2226	141	260	220	4	56	11	16
Columbia	19	8852	642	1027	879	59	266	85	9
Crawford	20	7859	512	1020	963	108	216	38	54
Cumberland	21	11757	857	1225	1116	62	365	125	151
Dauphin	22	6128	349	534	516	44	134	40	10
Delaware	23	1455	109	108	80	---	24	1	12
Elk	24	367	21	39	38	---	15	4	9
Erie	25	14007	932	1750	1517	485	273	140	71
Fayette	26	2517	150	281	227	33	140	59	8
Forest	27	261	14	33	37	---	2	---	31
Franklin	28	12804	817	1344	1236	102	516	127	184
Fulton	29	2374	145	275	262	13	100	---	9
Greene	30	908	61	128	86	8	35	45	10
Huntingdon	31	2854	185	337	322	13	82	5	49
Indiana	32	6436	444	785	699	38	197	92	41
Jefferson	33	4553	292	551	501	40	187	54	12
Juniata	34	3782	240	394	374	13	99	41	17
Lackawanna	35	2338	150	225	196	21	62	1	8
Lancaster	36	41056	2608	4110	3993	340	1035	174	571
Lawrence	37	3317	203	386	344	16	69	56	31
Lebanon	38	9775	665	1042	847	92	476	169	37
Lehigh	39	17540	1094	1871	1296	168	806	275	7
Luzerne	40	5939	373	675	613	82	82	---	19
Lycoming	41	9413	604	1078	966	69	120	70	64
McKean	42	713	42	95	80	5	30	---	---
Mercer	43	6422	428	804	714	14	98	137	34
Mifflin	44	3937	263	410	379	68	115	83	56
Monroe	45	912	59	91	88	2	6	1	5
Montgomery	46	9634	675	924	863	121	255	15	79
Montour	47	2470	160	281	274	6	38	---	6
Northampton	48	12932	774	1413	1027	48	870	81	3
Northumberland	49	5613	393	624	570	104	110	---	32
Perry	50	4217	248	429	402	17	123	85	25
Philadelphia	51	4113	277	293	196	---	7	4	1
Pike	52	89	6	13	12	---	---	---	---
Potter	53	3115	226	468	387	10	88	---	9
Schuylkill	54	8057	517	888	798	36	225	82	54
Snyder	55	4270	251	475	442	77	86	40	2
Somerset	56	11958	742	1380	1285	20	342	160	135
Sullivan	57	981	62	119	114	23	38	---	6
Susquehanna	58	2201	138	285	264	18	180	27	7
Tioga	59	3221	222	429	409	51	99	2	12
Union	60	4351	260	499	383	9	77	216	8
Venango	61	1962	132	250	214	62	30	57	13
Warren	62	1351	81	181	154	4	43	2	7
Washington	63	3325	192	334	306	20	195	6	9
Wayne	64	2294	159	281	274	89	61	4	71
Westmoreland	65	5072	292	546	503	80	145	81	20
Wyoming	66	5207	370	645	623	27	206	5	54
York	67	29369	1933	2975	2688	298	751	189	130
TOTALS		447080	29191	48622	43257	4258	13621	4107	3113



CODE	0-20-20	3-12-6	5-10-5	5-10-10	6-12-12	8-16-16	10-10-10	10-20-20	15-10-10
01	306	109	84	3945	165	506	3520	443	817
02	55	2	828	643	26	245	349	45	123
03	46	34	119	1110	17	295	586	171	117
04	26	3	62	195	31	56	66	18	13
05	256	70	70	2118	4	330	762	338	313
06	903	153	309	5263	315	409	3225	474	213
07	405	22	259	1560	89	432	714	283	228
08	794	8	66	1503	100	246	1111	600	---
09	261	33	546	2820	324	946	1973	485	1148
10	177	32	54	2323	137	1014	1088	433	245
11	80	145	159	1578	6	356	341	391	40
12	15	---	---	22	---	---	11	7	---
13	11	12	38	918	19	24	165	55	7
14	198	27	98	1536	60	835	966	440	330
15	756	44	221	5115	910	828	3982	471	1423
16	193	51	12	1260	14	294	399	265	54
17	125	33	39	731	6	274	353	235	39
18	41	35	12	541	55	271	297	21	64
19	381	58	41	2279	206	455	1429	455	85
20	466	---	30	2414	---	868	1017	745	142
21	523	89	60	2921	101	452	2834	262	1006
22	94	77	232	1650	49	641	485	151	65
23	5	---	329	70	---	1	43	37	---
24	16	2	30	123	8	30	34	31	---
25	682	---	287	3261	6	2156	2328	897	---
26	121	23	88	784	49	152	346	81	84
27	27	---	---	99	---	41	53	---	---
28	775	41	94	3625	40	280	2492	304	566
29	142	57	8	1105	53	141	252	127	87
30	30	4	---	249	---	91	61	39	49
31	159	34	33	994	23	181	557	149	83
32	134	21	39	1662	8	778	939	318	299
33	225	99	20	1422	1	370	694	239	192
34	140	82	9	1688	31	211	393	38	200
35	118	3	405	220	155	76	367	32	11
36	1081	910	634	10996	917	1078	5445	450	2156
37	36	21	21	1023	5	307	359	213	97
38	250	79	64	2254	308	387	1491	185	762
39	117	50	938	3145	268	154	1879	576	201
40	242	21	379	1921	110	528	857	238	74
41	426	113	74	2870	549	636	1360	147	218
42	107	---	66	115	12	72	113	6	13
43	158	---	47	2210	5	676	705	568	180
44	188	104	13	1079	9	131	461	52	306
45	24	3	31	199	41	48	98	109	---
46	233	2	463	1288	365	505	1154	517	562
47	150	33	4	1013	141	262	370	49	63
48	484	29	198	1617	151	57	1856	1002	249
49	55	81	113	1796	325	382	532	213	275
50	148	20	16	1958	10	228	549	88	134
51	3	---	1221	134	---	132	38	5	80
52	5	---	---	3	---	---	---	49	---
53	184	---	20	591	164	645	301	234	---
54	113	63	73	3023	416	382	1002	510	114
55	158	187	42	1707	219	348	385	129	35
56	575	163	31	4756	86	621	1906	318	517
57	122	---	---	244	86	36	201	51	---
58	336	---	1	350	12	61	505	143	---
59	351	5	19	868	6	329	343	458	---
60	144	34	31	1313	175	235	410	272	45
61	61	1	14	508	6	228	143	143	100
62	229	---	23	327	6	65	293	34	---
63	112	54	70	1230	41	90	441	67	64
64	350	---	27	154	---	201	918	41	---
65	311	50	129	1788	28	244	534	230	121
66	589	10	65	1377	20	368	988	362	5
67	314	586	493	11456	453	931	5955	377	1395
	16342	4022	10001	121060	7942	24652	65824	16916	15809

# REPORTED LIMING MATERIALS CONSUMPTION

	Last Half of 1963	First Half of 1964
Agricultural Limestone	540,404	336,828
Hydrated Lime	12,267	22,244
Burned Lime	11,517	8,873
Slag and Gypsum	5,543*	2,331
Miscellaneous	217*	1,613*

\* Totals combined to avoid disclosure of individual operations.

# FEED AND FERTILIZER FUND

## Financial Summary (accrued basis)

July 1, 1963 to June 30, 1964

Balance July 1, 1963

\$112,887.35

### RECEIPTS

Fertilizer Registration Fees	\$24,540.00
Fertilizer Inspection Fees	13,816.28
Seed Registration Fees	44,545.00
Pesticide Registration	17,042.00
Seed Inspection Fees	33,549.39
Agriculture Lime Act Fees	140.00
Agriculture Lime Act Control Fees	11,342.10
Fines and Penalties	550.00
Interest on Deposits	<u>3,441.91</u>

Total Receipts

148,966.68

Add: Lapse (Prior fiscal commitments)  
Total Funds Available

1,031.43  
262,885.46

### DISBURSEMENTS AND COMMITMENTS

Salaries	\$95,400.00
Wages	668.36
Professional and Special Services	1,247.81
Printing	3,506.11
Postage and Freight	2,728.89
Communications	414.91
Travel	6,407.92
Membership Dues and Subscriptions	162.00
Insurance	580.41
Motor Equipment Supplies	2,730.00
Contracted Maintenance	147.80
Laboratory Supplies	4,812.13
Housekeeping Supplies	38.08
Office Supplies	12.70
Educational Supplies	9.50
Equipment and Machinery	6,829.90
Furniture and Furnishings	2,567.92
Auditor General Audit Costs	<u>1,400.00</u>

Total Disbursements and Commitments

129,664.44

Balance June 30, 1964

\$133,221.02







